



















Fresenius Kabi MedTech Symbol Glossary




Medical Device Labeling: Symbols and Definitions




SYMBOL	STANDARD REFERENCE	STANDARD TITLE	SYMBOL TITLE	EXPLANATORY TEXT	NOTES TO USERS
	ISO 15223-1 Reference no. 5.1.1 (ISO 7000-3082) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Manufacturer	Indicates the medical device manufacturer.	
	ISO 15223-1 Reference no. 5.1.2	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Authorized representative in the European Community/ European Union	Indicates the authorized representative in the European Community/ European Union.	
	ISO 15223-1 Reference no. 5.1.3 (ISO 7000-2497) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Date of manufacture	Indicates the date when the medical device was manufactured.	
	ISO 15223-1 Reference no. 5.1.4 (ISO 7000-2607) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Use by date	Indicates the date after which the medical device is not to be used.	The definition for this symbol on device labels may also be "Expiration Date."






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	ISO 15223-1 Reference no. 5.1.5 (ISO 7000-2492) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Batch code	Indicates the manufacturer’s batch so that the batch or lot can be identified.	The definition for this symbol on device labels may also be “Lot.”
	ISO 15223-1 Reference no. 5.1.6 (ISO 7000-2493) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Catalogue number	Indicates the manufacturer’s catalogue number so that the medical device can be identified.	The definition for this symbol on device labels may also be “Code.”
	ISO 15223-1 Reference no. 5.1.7 (ISO 7000-2498) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Serial number	Indicates the manufacturer’s serial number so that a specific medical device can be identified.	
	ISO 15223-1 Reference no. 5.1.8 (ISO 7000-3725) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Importer	Indicates the entity importing the medical device into the locale.	
	ISO 15223-1 Reference no. 5.1.9 (ISO 7000-3724) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Distributor	Indicates the entity distributing the medical device into the locale.	







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	ISO 15223-1 Reference no. 5.1.10 (IEC 60417-6050) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Model number	Indicates the model number or type number of a product.	
	ISO 15223-1 Reference no. 5.1.11 (IEC 60417-6049) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Country of manufacture	Identifies the country of manufacture of products.	The “CC” inside the symbol is replaced with the appropriate two letter country code, defined in ISO 3166-1.
	ISO 15223-1 Reference no. 5.2.1 (ISO 7000-2499) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Sterile	Indicates a medical device that has been subjected to a sterilization process.	
	ISO 15223-1 Reference no. 5.2.2 (ISO 7000-2500) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Sterilized using aseptic processing technique	Indicates a medical device that has been manufactured using accepted aseptic techniques.	
	ISO 15223-1 Reference no. 5.2.3 (ISO 7000-2501) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Sterilized using ethylene oxide	Indicates a medical device that has been sterilized using ethylene oxide.	






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	ISO 15223-1 Reference no. 5.2.4 (ISO 7000-2502) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Sterilized using irradiation	Indicates a medical device that has been sterilized using irradiation.	
	ISO 15223-1 Reference no. 5.2.5 (ISO 7000-2503) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Sterilized using steam or dry heat	Indicates a medical device that has been sterilized using steam or dry heat.	
	ISO 15223-1 Reference no. 5.2.6 (ISO 7000-2608) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Do not resterilize	Indicates a medical device that is not to be re-sterilized.	
	ISO 15223-1 Reference no. 5.2.7 (ISO 7000-2609) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Non-sterile	Indicates a medical device that has not be subjected to a sterilization process	






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	<p>ISO 15223-1 Reference no. 5.2.8 (ISO 7000-2606) FDA Recognition #5-134</p>	<p>Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements</p>	<p>Do not use if package is damaged and consult instructions for use</p>	<p>Indicates that a medical device that should not be used if the package has been damaged or opened and that the user should consult the instructions for use for additional information.</p>	<p>The definition for this symbol on device labeling may also be “Do not use if the product sterile barrier system is compromised.”</p>
	<p>ISO 15223-1 Reference no. 5.2.9 (ISO 7000-3084) FDA Recognition #5-134</p>	<p>Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements</p>	<p>Sterile fluid path</p>	<p>Indicates the presence of a sterile fluid path within the medical device in cases when other parts of the medical device, including the exterior, might not be supplied sterile.</p>	
	<p>Combined Symbol: ISO 15223-1 Reference no. 5.2.9 (ISO 7000-3084), and ISO 15223-1 Reference no. 5.2.3 (ISO 7000-2501)</p>	<p>Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements</p>	<p>Sterilized by ethylene oxide. Sterile fluid path.</p>	<p>Indicates a medical device that has been sterilized using ethylene oxide. Indicates the presence of a sterile fluid path within the medical device in cases when other parts of the medical device, including the exterior, might not be supplied sterile.</p>	





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	<p>Combined Symbol: ISO 15223-1 Reference no. 5.2.5 (ISO 7000-2503), ISO 15223-1 Reference no. 5.2.9 (ISO 7000-3084), and ISO 15223-1 Reference no. 5.2.4 (ISO 7000-2502)</p>	<p>Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements</p>	<p>Sterilized by a combination of steam and irradiation. Sterile fluid path.</p>	<p>Indicates a medical device that has been sterilized using steam or dry heat, as well as irradiation. Indicates the presence of a sterile fluid path within the medical device in cases when other parts of the medical device, including the exterior, might not be supplied sterile.</p>	
	<p>Combined Symbol: ISO 15223-1 Reference no. 5.2.9 (ISO 7000-3084), and ISO 15223-1 Reference no. 5.2.4 (ISO 7000-2502)</p>	<p>Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements</p>	<p>Sterilized by irradiation. Sterile fluid path.</p>	<p>Indicates a medical device that has been sterilized using irradiation. Indicates the presence of a sterile fluid path within the medical device in cases when other parts of the medical device, including the exterior, might not be supplied sterile.</p>	
	<p>ISO 15223-1 Reference no. 5.2.11 (ISO-7000-3707) FDA Recognition #5-134</p>	<p>Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements</p>	<p>Single sterile barrier system</p>	<p>Indicates a single sterile barrier system.</p>	



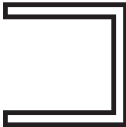

SYMBOL	STANDARD REFERENCE	STANDARD TITLE	SYMBOL TITLE	EXPLANATORY TEXT	NOTES TO USERS
	ISO 15223-1 Reference no. 5.2.12 (ISO 7000-3704) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Double sterile barrier system	Indicates two sterile barrier systems.	
	ISO 15223-1 Reference no. 5.2.13 (ISO 7000-3708) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Single sterile barrier system with protective packaging inside	Indicates a single sterile barrier system with protective packaging inside.	
	ISO 15223-1 Reference no. 5.2.14 (ISO 7000-3709) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Single sterile barrier system with protective packaging outside	Indicates a single sterile barrier system with protective packaging outside.	
	Combined Symbol: ISO 15223-1 Reference no. 5.2.11 and 5.2.3	Medical Devices – Symbols to be used with medical device labels, labeling and information to be supplied – Part 1: General requirements	Single sterile barrier system. Sterilized by ethylene oxide.	Indicates a single sterile barrier system which is sterilized by ethylene oxide.	
	Combined Symbol: ISO 15223-1 Reference no. 5.2.11 and 5.2.4	Medical Devices – Symbols to be used with medical device labels, labeling and information to be supplied – Part 1: General requirements	Single sterile barrier system. Sterilized using irradiation.	Indicates a single sterile barrier system which is sterilized by irradiation.	




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	Combined Symbol: ISO 15223-1 Reference no. 5.2.14 and 5.2.3	Medical Devices – Symbols to be used with medical device labels, labeling and information to be supplied – Part 1: General requirements	Single sterile barrier system with protective packaging outside. Sterilized by ethylene oxide. (combined symbol)	Indicates that there is a single sterile barrier system with protective packaging outside which is sterilized by ethylene oxide.	
	ISO 15223-1 Reference no. 5.3.1 (ISO 7000-0621) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Fragile, handle with care	Indicates a medical device that can be broken or damaged if not handled carefully.	This symbol may also appear as: 
	ISO 15223-1 Reference no. 5.3.2 (ISO 7000-0624) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Keep away from sunlight	Indicates a medical device that needs protection from light sources.	
	ISO 15223-1 Reference no. 5.3.4 (ISO 7000-0626) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Keep dry	Indicates that the transport package shall be kept away from rain and in dry conditions.	
	ISO 15223-1 Reference no. 5.3.5 (ISO 7000-0534) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Lower limit of temperature	Indicates the lower limit of temperature to which the medical device can be safely exposed.	





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	ISO 15223-1 Reference no. 5.3.6 (ISO 7000-0533) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Upper limit of temperature	Indicates the upper limit of temperature to which the medical device can be safely exposed.	
	ISO 15223-1 Reference no. 5.3.7 (ISO 7000-0632) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Temperature limit	Indicates the temperature limits to which the medical device can be safely exposed.	The definition for this symbol on device labeling may also be "Storage temperature limit."
	ISO 15223-1 Reference no. 5.3.8 (ISO 7000-2620) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Humidity limitation	Indicates the range of humidity to which the medical device can be safely exposed.	This symbol may also appear using ISO 7000-0505 to indicate the relative humidity a device should be operated in: 
	ISO 15223-1 Reference no. 5.3.8 (ISO 7000-2621) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Atmospheric pressure limitation	Indicates the range of atmospheric pressure to which the medical device can be safely exposed.	




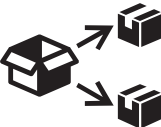

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	ISO 15223-1 Reference no. 5.4.1 (ISO 7000-0659) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Biological risks	Indicates that there are potential biological risks associated with the medical device.	
	ISO 15223-1 Reference no. 5.4.2 (ISO 7000-1051) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Do not reuse	Indicates a medical device that is intended for single use only.	
 <p>eifu.fresenius-kabi.com</p> <p>or</p>  <p>ifu.fresenius-kabi.com</p>	ISO 15223-1 Reference no. 5.4.3 (A.16, NOTE 2) (ISO 7000- 1641) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Consult instructions for use / Consult electronic instructions for use	Indicates the need for the user to consult the instructions for use. The instructions for use may be provided as a paper copy, and/ or electronically at the URL shown next to the symbol.	The URL may be placed below or to the right of the book as part of the ISO 7000- 1641 symbol.  eifu.fresenius-kabi.com The definition for this symbol on device labels may also be “Refer to accompanying documents.”




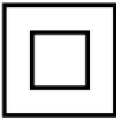
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	ISO 15223-1 Reference no. 5.4.4 (ISO 7000-0434A) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Caution	Indicates that caution is necessary when operating the device or control close to where the symbol is placed, or that the current situation needs operator awareness or operator action in order to avoid undesirable consequences.	The definition for this symbol on device labels has changed. On devices where ISO 7000-01641 is not present, the previous definition listed below applies: “Caution, consult instructions for use.”
	ISO 15223-1 Reference no. 5.4.5 (ISO 7000-2725) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Contains or presence of natural rubber latex	Indicates the presence of dry natural rubber or natural rubber latex as a material of construction within the medical device or the packaging of a medical device.	
	ISO 15223-1 Reference no. 5.4.6 (ISO 7000-3701) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Contains human blood or plasma derivatives	Indicates a medical device that contains or incorporates human blood or plasma derivatives.	
	ISO 15223-1 Reference no. 5.4.7 (ISO 7000-3702) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Contains a medicinal substance	Indicates a medical device that contains or incorporates a medicinal substance.	


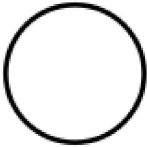



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	ISO 15223-1 Reference no. 5.4.10 (ISO 7000-3723) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Contains hazardous substances	Indicates a medical device that contains substances that can be carcinogenic, mutagenic, reprotoxic (CMR), or substances with endocrine disrupting properties.	The definition of this symbol on device labeling may also be “Contains hazardous substances: cobalt” for products with a steel needle containing cobalt.
	ISO 15223-1 Reference no. 5.6.1 (ISO 7000-2715) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Sampling site	Indicates a medical device or blood processing application that includes a system dedicated to the collection of samples of a given substance stored in the medical device or the blood container.	
	ISO 15223-1 Reference no. 5.6.2 (ISO 7000-2722) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Fluid path	Indicates the presence of a fluid path.	
	ISO 15223-1 Reference no. 5.6.3 (ISO 7000-2724) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Non-pyrogenic	Indicates a medical device that is non- pyrogenic.	






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	<p>Combined Symbol: ISO 15223-1 Reference no. 5.6.2 and 5.6.3 (ISO 7000-2723) FDA Recognition #5-134</p>	<p>Graphic symbols for use on electrical equipment.</p>	<p>Non-pyrogenic fluid path.</p>	<p>Indicates that the fluid path is non-pyrogenic.</p>	
	<p>ISO 15223-1 Reference no. 5.6.4 (ISO 7000-2726) FDA Recognition #5-134</p>	<p>Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements</p>	<p>Drops per milliliter</p>	<p>Indicates the number of drops per milliliter (mL). The number of drops per mL is specified within the symbol; “20” is an example value that will be replaced by the appropriate number of drops per mL for the product.</p>	
	<p>ISO 15223-1 Reference no. 5.6.5 (ISO 7000-2727) FDA Recognition #5-134</p>	<p>Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements</p>	<p>Liquid filter with pore size</p>	<p>Indicates an infusion or transfusion system of the medical device that contains a filter of a particular nominal pore size. The pore size is specified within the symbol; “15” is an example value that will be replaced by the appropriate pore size for the product.</p>	



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	ISO 15223-1 Reference no. 5.6.6 (ISO 7000-2728) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	One-way valve	Indicates a medical device with a check valve in the fluid path (one way only). It is important for the user to know that the administration is only possible one way. There is no possibility of aspiration or withdrawal of solution.	
	ISO 15223-1 Reference no. 5.7.1 (ISO 7000-2610) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Patient number	Indicates a unique number associated with an individual patient.	
	ISO 15223-1 Reference no. 5.7.2 (ISO 7000-3726) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Patient name	Indicates the name of the patient.	
	ISO 15223-1 Reference no. 5.7.3 (IEC 60417-5664) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Patient identification	Indicates the identification data of the patient.	


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	ISO 15223-1 Reference no. 5.7.6 (IEC 60417-5662) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Date	Indicates the date that information was entered or a medical procedure took place.	
	ISO 15223-1 Reference no. 5.7.7	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Medical Device	Indicates the item is a medical device.	
	ISO 15223-1 Reference no. 5.7.8 (ISO 7000-3728) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Translation	Indicates that the original medical device information has undergone a translation which supplements or replaces the original information.	
	ISO 15223-1 Reference no. 5.7.9 (ISO 7000-3727) FDA Recognition #5-134	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Repackaging	Indicates that a modification to the original medical device packaging configuration has occurred.	
	ISO 15223-1 Reference no. 5.7.10	Medical Devices – Symbols to be used with medical device labels, labeling, and information to be supplied – Part 1: General requirements	Unique device identifier	Indicates a carrier that contains unique device identifier information.	





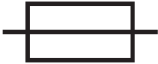
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	IEC 60601-1 Reference no. D.1-1 (IEC 60417-5032) IEC 60878 Reference no. 5.3	Medical electrical equipment – Part 1: General requirements for basic safety and essential performance	Alternating current	Indicates that the equipment is suitable for alternating current only.	
	IEC 60601-1 Reference no. D.1-6 (IEC 60417-5019) IEC 60878 Reference no. 5.3	Medical electrical equipment – Part 1: General requirements for basic safety and essential performance	Protective earth (ground)	Indicates any terminal which is intended for connection to an external conductor for protection against electric shock in case of a fault, or the terminal of a protective earth (ground) electrode.	
	IEC 60601-1 Reference no. D.1-8 (IEC 60417-5021) IEC 60878 Reference no. 5.3	Medical electrical equipment – Part 1: General requirements for basic safety and essential performance	Equi- potentiality	Indicates the terminals which, when connected together, bring the various parts of an equipment or of a system to the same potential, not necessarily being the earth (ground) potential, e.g. for local bonding.	
	IEC 60601-1 Reference no. D.1-9 (IEC 60417-5172)	Medical electrical equipment – Part 1: General requirements for basic safety and essential performance	Class II equipment	Identifies equipment meeting the safety requirements specified for Class II equipment according to IEC 61140.	





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	IEC 60601-1 Reference no. D.1-12 (IEC 60417-5007) IEC 60878 Reference no. 5.1	Medical electrical equipment – Part 1: General requirements for basic safety and essential performance	"ON" (Power)	Indicates connection to the mains.	The definition of this symbol on device labeling may also be "ON: power connection from the mains."
	IEC 60601-1 Reference no. D.1-13 (IEC 60417-5008) IEC 60878 Reference no. 5.1	Medical electrical equipment – Part 1: General requirements for basic safety and essential performance	"OFF" (Power)	Indicates disconnection from the mains.	The definition of this symbol on device labeling may also be "OFF: power disconnection from the mains."
	IEC 60601-1 Reference no. D.1-18 (IEC 60417-5638) IEC 60878 Reference no. 5.2	Medical electrical equipment – Part 1: General requirements for basic safety and essential performance	Emergency stop	Indicates the emergency stop button on the medical device.	
	IEC 60601-1 Reference no. D.1-19 (IEC 60417-5840) IEC 60878 Reference no. 5.9	Medical electrical equipment – Part 1: General requirements for basic safety and essential performance	Type B Applied Part	Indicates a type B applied part complying with IEC 60601-1.	
	IEC 60601-1 Reference no. D.1-20 (IEC 60417-5333) IEC 60878 Reference no. 5.9	Medical electrical equipment – Part 1: General requirements for basic safety and essential performance	Type BF Applied Part	Indicates a type BF applied part complying with IEC 60601-1.	





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	IEC 60601-1 Reference no. D.1-21 (IEC 60417-5335) IEC 60878 Reference no. 5.9	Medical electrical equipment – Part 1: General requirements for basic safety and essential performance	Type CF Applied Part	Indicates a type CF applied part complying with IEC 60601-1.	
	IEC 60601-1 Reference no. D.1-24 (IEC 60417-5036) IEC 60878 Reference no. 5.7	Medical electrical equipment – Part 1: General requirements for basic safety and essential performance	Dangerous Voltage	Indicates hazards arising from dangerous voltages.	
	IEC 60601-1 Reference no. D.2-2 (ISO 7010-W001) IEC 60878 Reference no. 5.8	Medical electrical equipment – Part 1: General requirements for basic safety and essential performance	General warning sign	Indicates a general warning if there is no other safety sign for the corresponding hazard.	
	IEC 60601-1 Reference no. D.2-3 (ISO 7010-W012) IEC 60878 Reference no. 5.8	Medical electrical equipment – Part 1: General requirements for basic safety and essential performance	Warning: electricity	Indicates hazards arising from electricity or dangerous voltages.	The definition of this symbol on device labeling may also be “Warning: dangerous voltage.”
	IEC 60601-1 Reference no. D.2-6 (ISO 7010-P017) IEC 60878 Reference no. 5.8	Medical electrical equipment – Part 1: General requirements for basic safety and essential performance	Pushing prohibited	Prohibits pushing against an object in order to prevent hazards arising from overbalancing and falling.	The definition of this symbol on device labeling may also be “No pushing.”


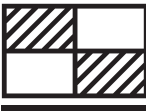


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	IEC 60601-1 Reference no. D.2-10 (ISO 7010-M002)	Medical electrical equipment – Part 1: General requirements for basic safety and essential performance	Refer to instruction manual / Follow instructions for use	Read the instructions for use before operating equipment.	
	IEC 60601-1 Reference no. D.2-9 (ISO 7010-M001)	Medical electrical equipment – Part 1: General requirements for basic safety and essential performance	General mandatory action sign	Indicates there is a mandatory action that should be carried out.	
<p>IPX1</p>	IEC 60529 IEC 60601-1 Reference no. D.3-2	Degrees of protection provided by enclosures	International Protection (IP) Code	Indicates the degrees of protection provided by an enclosure against access to hazardous parts, ingress of solid foreign objects, ingress of water and to give additional information in connection with such protection. Protected against vertically falling water drops.	





SYMBOL	STANDARD REFERENCE	STANDARD TITLE	SYMBOL TITLE	EXPLANATORY TEXT	NOTES TO USERS
<p>IPX0</p>	<p>IEC 60529 IEC 60601-1 Reference no. D.3-2</p>	<p>Degrees of protection provided by enclosures</p>	<p>International Protection (IP) Code</p>	<p>Indicates the degrees of protection provided by an enclosure against access to hazardous parts, ingress of solid foreign objects, ingress of water and to give additional information in connection with such protection.</p> <p>No degree of protection against ingress of water.</p>	
	<p>IEC 60601-1-2 Reference no. 5.1.1 (IEC 60417-5140)</p>	<p>Medical electrical equipment – Part 1-2: General requirements for basic safety and essential performance – Collateral standard: Electromagnetic compatibility – Requirements and tests</p>	<p>Non-ionizing electromagnetic radiation</p>	<p>Indicates medical electrical equipment that include RF transmitters or that apply RF electromagnetic energy for diagnosis or treatment.</p>	<p>The definition of this symbol on device labeling may also be “Wi-Fi.”</p>





SYMBOL	STANDARD REFERENCE	STANDARD TITLE	SYMBOL TITLE	EXPLANATORY TEXT	NOTES TO USERS
	IEC 60601-1-2 Reference no. 5.1.2 (IEC 60417-5134)	Medical electrical equipment – Part 1-2: General requirements for basic safety and essential performance – Collateral standard: Electromagnetic compatibility – Requirements and tests	Electrostatic sensitive devices	Indicates packages containing electrostatic sensitive devices.	The definition of this symbol on device labeling may also be “Equipment sensitive to electrostatic discharge.”
	IEC 60601-1-8 Reference no. C.1-6 (IEC 60417-5576-2) IEC 60878 Reference no. 5.7	Medical electrical equipment – Part 1-8: General requirements for basic safety and essential performance – Collateral standard: General requirements, tests and guidance for alarm systems in medical electrical equipment and medical electrical systems	Bell, cancel temporary	Indicates the medical device is in the Audio Paused state. The audible tone for the device alarm is temporarily cancelled.	This symbol may appear in different colors depending on the device touchscreen, such as the following example: 
	IEC 60878 Reference no. 5.7 (IEC 60417- 5013)	Graphical symbols for electrical equipment in medical practice	Bell	Indicates the control whereby an audible tone for the device alarm may be operated.	
	IEC 60878 Reference no. 5.3 (IEC 60417- 5016)	Graphical symbols for electrical equipment in medical practice	Fuse	Indicates fuse boxes or their location.	





SYMBOL	STANDARD REFERENCE	STANDARD TITLE	SYMBOL TITLE	EXPLANATORY TEXT	NOTES TO USERS
	IEC 60878 Reference no. 5.3 (IEC 60417-5639)	Graphical symbols for electrical equipment in medical practice	Rechargeable battery	Indicates medical electrical equipment that shall only be used with rechargeable cells or batteries, or to identify rechargeable cells or batteries. When shown on the battery holder, the symbol also indicates the positioning of the cells.	
	IEC 60878 Reference no. 5.9 (ISO 7000-1135)	Graphical symbols for electrical equipment in medical practice	General symbol for recovery/ Recyclable	Indicates that a material is part of a recovery/ recycling process.	
	ISO 3826-2 Reference no. 4.3.1 (ISO 7000-2703)	Plastics collapsible containers for human blood and blood components – Part 2: Graphical symbols for use on labels and instruction leaflets	Blood or blood component container	Indicates that the container is used for the purpose of whole blood or blood component storage. The specified volume adjacent to the symbol indicates the nominal volume of the container for storage.	
	ISO 3826-2 Reference no. 4.3.2 (ISO 7000-2753)	Plastics collapsible containers for human blood and blood components – Part 2: Graphical symbols for use on labels and instruction leaflets	Double needle apheresis protocol	Indicates that the medical device is for use by double needle apheresis protocol.	







SYMBOL	STANDARD REFERENCE	STANDARD TITLE	SYMBOL TITLE	EXPLANATORY TEXT	NOTES TO USERS
	ISO 3826-2 Reference no. 4.3.3 (ISO 7000-2754)	Plastics collapsible containers for human blood and blood components – Part 2: Graphical symbols for use on labels and instruction leaflets	Single needle apheresis protocol	Indicates that the medical device is for use by single needle apheresis protocol.	
	ISO 3826-2 Reference no. 4.3.4 (ISO 7000-2718)	Plastics collapsible containers for human blood and blood components – Part 2: Graphical symbols for use on labels and instruction leaflets	Whole blood	Indicates the presence of whole blood before any stage of processing.	
	ISO 3826-2 Reference no. 4.3.5 (ISO 7000-2712)	Plastics collapsible containers for human blood and blood components – Part 2: Graphical symbols for use on labels and instruction leaflets	Red blood cell concentrate	Indicates the presence of red blood cells concentrate obtained after centrifugation of whole blood.	
	ISO 3826-2 Reference no. 4.3.6 (ISO 7000-2707)	Plastics collapsible containers for human blood and blood components – Part 2: Graphical symbols for use on labels and instruction leaflets	Plasma	Indicates the presence of plasma obtained after centrifugation of whole blood.	





SYMBOL	STANDARD REFERENCE	STANDARD TITLE	SYMBOL TITLE	EXPLANATORY TEXT	NOTES TO USERS
	ISO 3826-2 Reference no. 4.3.7 (ISO 7000-2704)	Plastics collapsible containers for human blood and blood components – Part 2: Graphical symbols for use on labels and instruction leaflets	Buffy coat	Indicates the presence of buffy coat.	
	ISO 3826-2 Reference no. 4.3.8 (ISO 7000-2709)	Plastics collapsible containers for human blood and blood components – Part 2: Graphical symbols for use on labels and instruction leaflets	Platelets concentrate	Indicates the presence of platelets concentrate.	
	ISO 3826-2 Reference no. 4.3.9 (ISO 7000-2701)	Plastics collapsible containers for human blood and blood components – Part 2: Graphical symbols for use on labels and instruction leaflets	Anticoagulant	Indicates the presence of anticoagulant.	
	ISO 3826-2 Reference no. 4.3.10 (ISO 7000-2706)	Plastics collapsible containers for human blood and blood components – Part 2: Graphical symbols for use on labels and instruction leaflets	Processing	Indicates a process. This symbol is used in conjunction with other symbols to identify the type of process.	

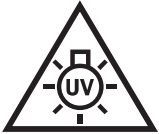


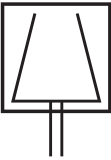

SYMBOL	STANDARD REFERENCE	STANDARD TITLE	SYMBOL TITLE	EXPLANATORY TEXT	NOTES TO USERS
	ISO 3826-2 Reference no. 4.3.11 (ISO 7000-2720)	Plastics collapsible containers for human blood and blood components – Part 2: Graphical symbols for use on labels and instruction leaflets	Leukocyte filter	Indicates that the filter is dedicated to the reduction of leukocytes in whole blood or blood components.	
	ISO 3826-2 Reference no. 4.4.1 (ISO 7000-2700)	Plastics collapsible containers for human blood and blood components – Part 2: Graphical symbols for use on labels and instruction leaflets	Additive solution	Indicates the container holds a type of solution to be mixed with other components.	
	ISO 3826-2 Reference no. 4.4.2 (ISO 7000-2702)	Plastics collapsible containers for human blood and blood components – Part 2: Graphical symbols for use on labels and instruction leaflets	Anticoagulant solution	Indicates that the container holds anticoagulant solution.	
	ISO 3826-2 Reference no. 4.4.3 (ISO 7000-2714)	Plastics collapsible containers for human blood and blood components – Part 2: Graphical symbols for use on labels and instruction leaflets	Saline solution	Indicates that the container holds saline solution to be mixed with other components.	



SYMBOL	STANDARD REFERENCE	STANDARD TITLE	SYMBOL TITLE	EXPLANATORY TEXT	NOTES TO USERS
	ISO 3826-2 Reference no. 4.4.5 (ISO 7000-2708)	Plastics collapsible containers for human blood and blood components – Part 2: Graphical symbols for use on labels and instruction leaflets	Plasma container	Indicates that the container is used for the purpose of final or temporary storage of plasma.	
	ISO 3826-2 Reference no. 4.4.6 (ISO 7000-2710)	Plastics collapsible containers for human blood and blood components – Part 2: Graphical symbols for use on labels and instruction leaflets	Platelets container	Indicates that the container is used for the purpose of final or temporary storage of platelets concentrate.	
	ISO 3826-2 Reference no. 4.4.7 (ISO 7000-2711)	Plastics collapsible containers for human blood and blood components – Part 2: Graphical symbols for use on labels and instruction leaflets	Processing container	Indicates that the processing of the final container is used for the achievement of a process.	
	ISO 3826-2 Reference no. 4.4.8 (ISO 7000-2713)	Plastics collapsible containers for human blood and blood components – Part 2: Graphical symbols for use on labels and instruction leaflets	Red blood cell container	Indicates that the container is used for the purpose of final or temporary storage of red blood cells.	



SYMBOL	STANDARD REFERENCE	STANDARD TITLE	SYMBOL TITLE	EXPLANATORY TEXT	NOTES TO USERS
	<p>ISO 3826-2 Reference no. 4.4.9 (ISO 7000-2719)</p>	<p>Plastics collapsible containers for human blood and blood components – Part 2: Graphical symbols for use on labels and instruction leaflets</p>	<p>Whole blood container</p>	<p>Indicates that the container is used for the purpose of final or temporary storage of whole blood.</p>	
	<p>ISO 3826-2 Reference no. 4.4.10 (ISO 7000-2721)</p>	<p>Plastics collapsible containers for human blood and blood components – Part 2: Graphical symbols for use on labels and instruction leaflets</p>	<p>Leukocyte filtration</p>	<p>Indicates a process of leukocyte filtration applied on whole blood or blood components.</p>	
	<p>ISO 780 Reference no. 5-13 (ISO 7000-0623)</p>	<p>Packaging – Distribution packaging – Graphical symbols for handling and storage of packages</p>	<p>This way up</p>	<p>Indicates the correct upright position of the distribution packages for transport and/or storage.</p>	
	<p>ISO 780 Reference no. 5-16 (ISO 7000-2403)</p>	<p>Packaging – Distribution packaging – Graphical symbols for handling and storage of packages</p>	<p>Stacking limit by number</p>	<p>Indicates the maximum number of identical transport packages/items which may be stacked on the bottom package, where “n” is the limiting number.</p>	<p>The definition of this symbol on device labeling may also be “Stacking Limitation.”</p>




SYMBOL	STANDARD REFERENCE	STANDARD TITLE	SYMBOL TITLE	EXPLANATORY TEXT	NOTES TO USERS
	ISO 780 Reference no. 5-17 (ISO 7000-2402)	Packaging – Distribution packaging – Graphical symbols for handling and storage of packages	Do not stack	Stacking of the distribution packages is not allowed and no load shall be placed on the distribution packages.	
	EN 15986:2011 Reference no. A.2 (ISO 7000-2725)	Symbol for use in the labeling of medical devices – Requirements for labeling of medical devices containing phthalates.	Contains or presence of phthalates: Diethylhexyl phthalate (DEHP)	Indicates the device or equipment contains phthalate: bis (2 – ethylhexyl) phthalate (DEHP).	
	ISO 7000-2794	Graphical symbols for use on equipment – Registered symbols	Packaging unit	Indicates the number of pieces in the package. The number inserted in the symbol identifies the number of pieces in each packaging unit.	
	ISO 7000-0143	Graphical symbols for use on equipment – Registered symbols	Scale	Indicates a scale used to measure the weight or mass of an object.	
	ISO 7000-1321B	Graphical symbols for use on equipment – Registered symbols	Mass; weight	Indicates the maximum total weight or mass.	
	ISO 7000-1321A	Graphical symbols for use on equipment – Registered symbols	Mass; weight	Indicates the maximum total weight or mass.	









SYMBOL	STANDARD REFERENCE	STANDARD TITLE	SYMBOL TITLE	EXPLANATORY TEXT	NOTES TO USERS
	ISO 7010-P069	Graphical symbols – Safety colours and safety signs – Registered safety signs	Not to be serviced by users	Indicates the device should not be serviced by unqualified users.	
	ISO 7010-M006	Graphical symbols – Safety colours and safety signs – Registered safety signs	Disconnect mains plug from the electrical outlet	Indicates that the main plug must be disconnected from the electrical outlet for the purposes of maintenance of electrical equipment, in the case of malfunction, or when left unattended.	
	ISO 7010-W002	Graphical symbols – Safety colours and safety signs – Registered safety signs	Warning: explosive material	Warns of explosive materials.	This symbol may also be used to indicate an explosion hazard when used with the warning “Danger! Explosion Hazard. Do not use in the presence of flammable anesthetics.”
	IEC 60417-6343	Graphical Symbols for Use on Equipment	Maximum altitude	Indicated the device is intended to be usable up to the maximum altitude specified. “3000m” is an example value that will be replaced by the appropriate number altitude for the product.	



SYMBOL	STANDARD REFERENCE	STANDARD TITLE	SYMBOL TITLE	EXPLANATORY TEXT	NOTES TO USERS
	IEC 60417-6040	Graphical Symbols for Use on Equipment	Ultraviolet radiation	Warns the user to turn off the UV lamp before opening and to use UV radiation eye and skin protection during servicing.	
	IEC 60417-5850	Graphical Symbols for Use on Equipment	Serial interface	Indicates a connector for a serial data connection.	
	IEC 60417-3650	Graphical Symbols for Use on Equipment	Universal Serial Bus (USB)	Indicates a port or plug that meets the generic requirements of the Universal Serial Bus (USB).	
	ISO 14617-12-X2619	Graphical symbols for diagrams – Part 12: Devices for separating, purification and mixing	High-speed centrifuge	Indicates a high-speed centrifuge used for separating blood components.	
	ISO 8536-10:2015 FDA Recognition # 3-360	Infusion equipment for medical use – Part 10: Accessories for fluid lines for single use with pressure infusion equipment.	For pressure use	Symbol was created based on the requirement in ISO 8536-8:2015 (E) Infusion equipment for medical use – Part 8: Infusion sets for single use with pressure infusion apparatus (10.2 j and 10.3 f): the letter “P”, which stands for pressure, and whose type height shall stand out clearly from surrounding text.	




SYMBOL	STANDARD REFERENCE	STANDARD TITLE	SYMBOL TITLE	EXPLANATORY TEXT	NOTES TO USERS
	<p>ISO 8536-10:2015 FDA Recognition # 3-360</p>	<p>Infusion equipment for medical use – Part 10: Accessories for fluid lines for single use with pressure infusion equipment.</p>	<p>Safe for use with pressure infusion equipment</p>	<p>Symbol was created based on the requirement in ISO 8536-10:2015 (E) Infusion equipment for medical use – Part 10: Accessories for fluid lines for single use with pressure infusion equipment (8.3 e): the wording “Safe for use with pressure infusion equipment”; f) the letter “P” which stands for pressure and the type, the height of which shall stand out clearly from surrounding text.</p>	
	<p>ISO 8536-8:2015 FDA Recognition # 6-358</p>	<p>Infusion equipment for medical use – Part 8: Infusion sets for single use with pressure infusion apparatus</p>	<p>Storage capacity of a 1m long hose</p>	<p>Bolus volume; indicates the storage capacity of a 1m long tube.</p>	


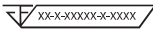



SYMBOL	STANDARD REFERENCE	STANDARD TITLE	SYMBOL TITLE	EXPLANATORY TEXT	NOTES TO USERS
	EU 2017-745 Reference no. ANNEX V	REGULATION (EU) 2017/745 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 5 April 2017 on medical devices, amending Directive 2001/83/ EC, Regulation (EC) No 178/2002 and Regulation (EC) No 1223/2009 and repealing Council Directives 90/385/ EEC and 93/42/EEC.	CE marking (class 1 devices without notified body)	(43) "CE marking of conformity" or "CE marking" means a marking by which a manufacturer indicates that a device is in conformity with the applicable requirements set out in this Regulation and other applicable Union harmonisation legislation providing for its affixing.	
	EU 2017-745 Reference no. Article 18	REGULATION (EU) 2017/745 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 5 April 2017 on medical devices, amending Directive 2001/83/ EC, Regulation (EC) No 178/2002 and Regulation (EC) No 1223/2009 and repealing Council Directives 90/385/ EEC and 93/42/EEC.	CE marking (TÜV)	(18.5) Where applicable, the CE marking shall be followed by the identification number of the notified body responsible for the conformity assessment procedure set out in article 48.	







SYMBOL	STANDARD REFERENCE	STANDARD TITLE	SYMBOL TITLE	EXPLANATORY TEXT	NOTES TO USERS
	EU 2017-745 ANNEX I (GSPR 23.2 (a))	ANNEX I: GENERAL SAFETY AND PERFORMANCE REQUIREMENTS – Requirements regarding the information supplied with the Device.	Model	The name or trade name of the device.	
	21 CFR 801.109	Code of Federal Regulations Title 21 – Food and Drugs; Subchapter H Medical Devices Part 801 Labeling – Prescription devices.	For prescription use only	Caution: Federal law in the USA restricts this device to sale by or on the order of a licensed healthcare practitioner.	This symbol may also appear as: Rx Only The definition of this symbol on device labeling may also be “For US only. United States federal law restricts this device to sale by or on the order of a licensed healthcare practitioner.”
	ASTM F2503	Standard Practice for Marking Medical Devices and Other Items for Safety in the Magnetic Resonance Environment.	The medical device is MR safe	Indicates the product is safe to use in a magnetic resonance (MR) environment.	


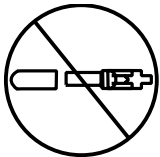







SYMBOL	STANDARD REFERENCE	STANDARD TITLE	SYMBOL TITLE	EXPLANATORY TEXT	NOTES TO USERS
	Underwriters Laboratories	N/A	Legacy UL Classification Mark	Underwriters Laboratories (UL) Classification Mark. This product is UL Classified.	
	Underwriters Laboratories	N/A	Legacy UL Classification Mark for Canada	Underwriters Laboratories (UL) Classification Mark for Canada. This product is UL Classified.	
	Underwriters Laboratories	N/A	Legacy UL Classification Mark for Canada and United States	Underwriters Laboratories (UL) Classification Mark for Canada and United States. This product is UL Classified.	
	Joint United Kingdom Blood Transfusion and Tissue Transplantation Services Professional Advisory Committee	Guidelines for the Blood Transfusion and Tissue Transplantation Services	Do not vent	Do not vent the blood or blood component container.	This symbol may also appear as: 
	National Institute of Metrology, Quality, and Technology (INMETRO) Ordinance 384:2020	N/A	Inmetro Tag certification	Specific to products sold in Brazil. Indicates the product is INMETRO certified.	
 	Eurasian Economic Union (EAEU)	N/A	Eurasian Conformity (EAC) certification	Indicates the product is EAC certified.	










SYMBOL	STANDARD REFERENCE	STANDARD TITLE	SYMBOL TITLE	EXPLANATORY TEXT	NOTES TO USERS
	EU 2012-19	Waste Electrical and Electronic Equipment Directive (WEEE)	WEEE symbol	<p>For product disposal, ensure the following: Do not dispose of this product as unsorted municipal waste. Collect this product separately. Use the collection and return systems available to you. Bar below bin: Product distributed after August 13, 2005.</p>	
	94/62/EC	Packaging and Packaging Waste Directive	Green Dot	<p>The Green Dot (German: Der Grüne Punkt) is the license symbol of a European network of industry-funded systems for recycling the packaging materials of consumer goods. The logo is trademark protected worldwide. The Green Dot logo indicates that a company has joined the Green Dot scheme.</p>	





SYMBOL	STANDARD REFERENCE	STANDARD TITLE	SYMBOL TITLE	EXPLANATORY TEXT	NOTES TO USERS
	China RoHS II	Management Methods for the Restriction of the Use of Hazardous Substances in Electrical and Electronic Products	Environment Friendly Use Period (EFUP)	EFUP is the period of time before any of the identified RoHS substances are likely to leak out, causing possible harm to health and environment. The symbol is a circle composed of two arrows containing a number that gives the EFUP in years; for example, a circled 10 indicates an EFUP of 10 years. A special EFUP label containing the letter "e" indicates that the product contains less than the maximum concentration value of the stated hazardous substances.	
	AS/NZs 4268:2017	Radio equipment and systems – Short range devices – Limits and methods of measurement	Regulatory Compliance Mark (RCM)	Indicates compliance to AS/NZs 4268:2017	
	National Radio Research Agency (NRRRA): Radio Waves Act, Article 58-3	Conformity Assessment of Broadcasting and Communications Equipment Labeling	KC Mark Korea Certification	Indicates compliance of product to Korean safety regulations.	

SYMBOL	STANDARD REFERENCE	STANDARD TITLE	SYMBOL TITLE	EXPLANATORY TEXT	NOTES TO USERS
	National Communications Commission LP0002	Lowpower Radio Frequency Devices Technical Regulation	NCC Mark	Indicates compliance to legal requirements for radio technology products in Taiwan.	
	Ministry of Public Health	N/A	Medical Device License Number	Indicates registration with the Ministry of Public Health in Thailand. The product license number is listed inside the symbol.	
	Resolutions of the Cabinet of Ministers of Ukraine of 2 October 2013 No. 753	Technical regulations on medical products	National Mark of Conformity	Indicates compliance to technical regulations on medical devices in Ukraine.	
	Department for Business and Trade	N/A	UK Declaration of conformity	Indicates compliance to applicable regulations in the United Kingdom.	
	Fresenius-defined	N/A	N/A	For gravity use only. Symbol was created based on the requirement in ISO 8536-4:2015 (E) Infusion equipment for medical use – Part 4: Infusion sets for single use, gravity feed (10.2.h and 10.3.f): the letter "G", which stands for gravity and whose type high shall stand out clearly from surrounding text.	

SYMBOL	STANDARD REFERENCE	STANDARD TITLE	SYMBOL TITLE	EXPLANATORY TEXT	NOTES TO USERS
	Fresenius-defined	N/A	N/A	Priming volume. Indicates the amount of fluid required to fill the fluid path to eliminate all air.	
	Fresenius-defined	N/A	N/A	Set length. Indicates the length of the complete set without drip chamber.	
	Fresenius-defined	N/A	N/A	Inline filter with pore size. Indicates the nominal pore size of the inline filter.	
	Fresenius-defined	N/A	N/A	Indicates the device incorporates connectors specified in ISO 18250-8, Connectors for reservoir delivery systems for healthcare applications Part 8: Citrate-based anticoagulant solution for apheresis applications.	
	Fresenius-defined	N/A	N/A	Do not open packaging with sharp objects.	
	Fresenius-defined	N/A	N/A	Do not use a knife or scissors to open packaging.	

SYMBOL	STANDARD REFERENCE	STANDARD TITLE	SYMBOL TITLE	EXPLANATORY TEXT	NOTES TO USERS
	Fresenius-defined	N/A	N/A	Manufacturing facility, or manufactured by (followed by the manufacturer's address).	
	Fresenius-defined	N/A	N/A	Do not use if tip protectors are loose or not in place.	
	Fresenius-defined	N/A	N/A	Indicates a collection container.	
	Fresenius-defined	N/A	N/A	Indicates the collection date of a blood component.	
	Fresenius-defined	N/A	N/A	Indicates a plasma collection container.	
	Fresenius-defined	N/A	N/A	Indicates a red blood cell collection container.	
	Fresenius-defined	N/A	N/A	Indicates a processing or in-process container.	
	Fresenius-defined	N/A	N/A	Indicates a platelets collection container.	
	Fresenius-defined	N/A	N/A	Indicates the expiry date of the blood component.	

SYMBOL	STANDARD REFERENCE	STANDARD TITLE	SYMBOL TITLE	EXPLANATORY TEXT	NOTES TO USERS
	Fresenius-defined	N/A	N/A	Indicates a platelet additive solution.	
	Fresenius-defined	N/A	N/A	Indicates a leukodepletion process.	
#	Fresenius-defined	N/A	N/A	Indicates the blood component unit number.	
	Fresenius-defined	N/A	N/A	Indicates a red cell preservation solution container.	
	Fresenius-defined	N/A	N/A	Indicates a saline solution container.	
	Fresenius-defined	N/A	N/A	Indicates a procedure identification number.	
	Fresenius-defined	N/A	N/A	Ethernet port. Indicates the location of an ethernet port.	
	Fresenius-defined	N/A	N/A	Pressure cuff. Indicates a pressure cuff or the location of a cuff connection on the device.	
	Fresenius-defined	N/A	N/A	Pressure cuff. Indicates a pressure cuff or the location of a cuff connection on the device.	
	Fresenius-defined	N/A	N/A	Prompt grip.	

SYMBOL	STANDARD REFERENCE	STANDARD TITLE	SYMBOL TITLE	EXPLANATORY TEXT	NOTES TO USERS
	Fresenius-defined	N/A	N/A	Pile up "n" cartons max. Indicates the maximum number of packaging containers to stack on top of each other.	
	Fresenius-defined	N/A	N/A	Pieces per unit. Indicates the number of pieces in each packaging unit.	
	Fresenius-defined	N/A	N/A	Fuse type. Indicates that the correct fuses must be used for the voltage applied.	
	Fresenius-defined	N/A	N/A	Cassette unload.	