



SINGLE-USE • HIGH-PRESSURE
ANGIOGRAPHIC SYRINGES

I N T E R N A T I O N A L P R O D U C T C A T A L O G



Quality Medical Products that Enhance Lives

www.sintonmedicalproducts.com



ABOUT US

We are a **direct manufacturer** of **plug-and-play** fluid delivery products for power injector systems used in CT, MRI and Angiographic procedures.

Our Products are **inspired by clinicians for clinicians** for an intuitive user experience and are designed with input from clinicians to enhance usability and ensure a positive, reliable, trusted, and consistent user experience.

We are committed to manufacturing best practices and supply chain excellence to provide you with the **best quality**, the **best customer experience**, and the **best value** for safe and reliable care.

Our products are designed with quality without compromise.

SMP syringes and tubing are designed to be compatible with most power injector systems - **Medrad, Mallinckrodt Liebel Flarsheim, Bracco, Nemoto, Medtron, Ulrich** on the market for CT, MRI, and Angiographic procedures.

We take great pride in and are committed to delivering the **best customer support** in the industry.

We **guarantee** and **warranty** our products

DARCO Giving Back – Corporate Initiative

DARCO International is proud to implement a global corporate initiative to donate a percentage of corporate profits from SMP product sales toward kidney cancer research.



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CT SYRINGES

MODEL NO.	PRODUCT DESCRIPTION	COMPATIBLE WITH	REGISTRATIONS
HS-MC200	1-200ml Syringe 1-Fill Straw 1-72" Coiled Tubing	Medrad MCT, Medrad MCT Plus, Medrad Vistron CT and Medrad Envision CT Injectors	FDA, CE and Canada Market
HS-TC200 Plus	1-200 mL Syringe 1-Fill Straw, 1-Large Spike 1-72" Coiled Tubing	Mallinckrodt/Liebel-Flarsheim CT9000/9000ADV, Optivantage Injectors	FDA, CE and Canada Market
HS- TC200Y	1-200 mL Syringe 1-Fill Straw 1-72" Y Coiled Tubing with Dual Check Valves	Mallinckrodt/Liebel-Flarsheim Optivantage Injectors	FDA, CE and Canada Market
HS-TCD200 Plus	2-200ml Syringes 2-Fill Straws , 2-Large Spikes 1-72" Y Coiled Tubing with Dual Check Valves	Mallinckrodt/Liebel-Flarsheim Optivantage Injectors	FDA, CE and Canada Market
HS-BC200 Plus	1-200ml Syringe 1-Fill Straw , 1-Large Spike 1-72" Coiled Tubing	Bracco EmpowerCT and EmpowerCTA Injectors	FDA, CE and Canada Market
HS-BC200Y	1-200 ml Syringe 1- Fill Straw 1-72" Y Coiled Tubing with Dual Check Valves	Bracco EmpowerCTA Injectors	FDA, CE and Canada Market
HS-BCD200 Plus	2-200ml Syringes 2-Fill Straws , 2-Large Spikes 1-72" Y Coiled Tubing with Dual Check Valves	Bracco EmpowerCTA Injectors	FDA, CE and Canada Market
HS-NC100 Plus	1-100ml Syringe 1- Fill Straw, 1-Large Spike 1-72" Coiled Tubing	Nemoto A-60, A-25 & Dual Shot Alpha Injectors	FDA &CE
HS-NCD100 Plus	2-100ml Syringes 2- Fill Straws, 2-Large Spikes 1-72"Y Coiled Tubing with dual Check Valve	Nemoto Dual Shot Alpha CT Injectors	FDA & CE
HS-NC200 Plus	1-200ml Syringe 1-Fill Straw, 1-Large Spike 1-72" Coiled Tubing	Nemoto A-60 & A25 & Dual shot Alpha Injectors	CE
HS-NCD200 Plus	2-200ml Syringes 2-Fill Straws, 2-Large Spikes 1-72" Y Coiled Tubing with dual Check Valves	Nemoto Dual shot Alpha Injectors	CE

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CT SYRINGES

MODEL NO.	PRODUCT DESCRIPTION	COMPATIBLE WITH	REGISTRATIONS
HS-NCD210 Plus	1-100 mL & 1-200 ml Syringes 2-Fill Straws, 2-Large Spikes 1-72" Y Coiled Tubing with dual Check Valves	Nemoto Dual shot Alpha CT Injectors	CE
HS-NCD510 Plus	1-50 mL & 1-100 ml Syringes 2-Fill Straws, 2-Large Spikes 1-72" Y Coiled Tubing with dual Check Valves	Nemoto Dual shot Alpha CT Injectors	FDA, CE and Canada Market
HS-NCD520 Plus	1-50 mL & 1-200 ml Syringes 2-Fill Straws, 1-Large Spike, 1-Small Spike 1-72" Y Coiled Tubing with dual Check Valves	Nemoto Dual shot Alpha CT Injectors	CE
HS-NM50N	1-50ml Syringe 1- Fill Straw	Nemoto Dual shot Alpha CT Injectors	CE and Canada Market
HS-GC200	1-200 ml Syringe 1-Fill Straw 1-72" Coiled Tubing	Medtron Accutron CT& Accutron CT-D Injectors	CE
HS-GCD200	2-200 ml Syringes 2-Fill Straws 1-72" Y Coiled Tubing with Dual Check Valves	Medtron Accutron CT-D Injectors	CE





MRI SYRINGES

MODEL NO.	PRODUCT DESCRIPTION	COMPATIBLE WITH	REGISTRATIONS
HS-MMD65	2-65 mL Syringes 1-Large Spike, 1-Small Spike 1-96" Y Coiled Tubing with Dual Check Valves	Medrad Spectris Injectors	FDA, CE and Canada Market
HS-MMD65T	2-65 mL Syringes 1-Large Spike, 1-Small Spike 1-96" T Coiled Tubing with Check Valve	Medrad Spectris Injectors	FDA, CE and Canada Market
HS-MMD115	1-65 mL & 1-115 mL Syringes 1-Large Spike, 1-Small Spike 1-96" Y Coiled Tubing with Dual Check Valves	Medrad Spectris Solaris Injectors	FDA, CE and Canada Market
HS-MMD115T	1-65 mL & 1-115 mL Syringes 1-Large Spike, 1-Small Spike 1-96" T Coiled Tubing with Check Valve	Medrad Spectris Solaris Injectors	FDA, CE and Canada Market
HS-TMD60	2-60ml Syringes 1-Large Spike, 1-Small Spike 1-96" Y Coiled Tubing with Dual Check Valves	Mallinckrodt/Liebel Flarsheim MRI Optistar LE & Optistar Elite Injectors	FDA, CE and Canada Market
HS-TM60Y	1-60ml Syringe 1-Large Spike 1-96" Y Coiled Tubing with Dual Check Valves	Mallinckrodt/Liebel Flarsheim MRI Optistar LE & Optistar Elite Injectors	FDA, CE and Canada Market
HS-NM50N	1-50 ml Syringe 1- Fill Straw	Nemoto Sonic Shot Injectors	FDA, CE and Canada Market
HS-NMD50	2-50 ml Syringe 1- Large Spike, 1-Small Spike 1-96" Y Coiled Tubing with dual Check Valve	Nemoto Sonic Shot Injectors	FDA, CE and Canada Market





MRI SYRINGES

MODEL NO.	PRODUCT DESCRIPTION	COMPATIBLE WITH	REGISTRATIONS
HS-NMD50T	2-50 ml Syringes 1-Large Spike 1-Small Spike 1-96" T Coiled Tubing with Check Valve	Nemoto Sonic Shot Injectors	FDA, CE and Canada Market
HS-GMD65	2-65 mL Syringes 1-Large Spike, 1-Small Spike 1-96" Y Coiled Tubing with Dual Check Valves	Medtron Accutron MR	CE
HS-GMD265	1-65 mL Syringes & 1-200 ml Syringes 1-Large Spike, 1-Small Spike 1-96" Y Coiled Tubing with Dual Check Valves	Medtron Accutron MR	CE

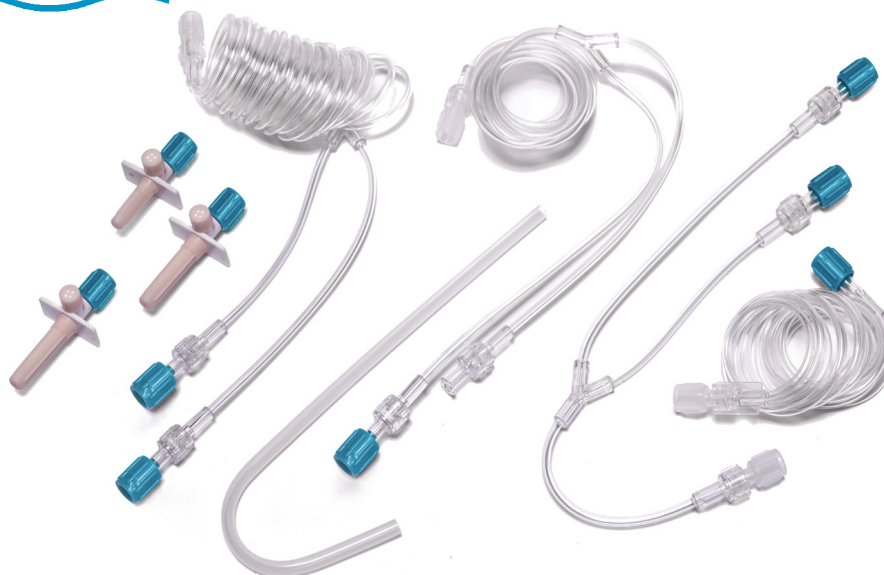




ANGIO SYRINGES

MODEL NO.	PRODUCT DESCRIPTION	COMPATIBLE WITH	REGISTRATIONS
HS-MA150	1-150ml Syringe 1-Fill Straw	Medrad Mark V, Mark V Plus, Mark V Provis Injectors	FDA, CE and Canada Market
HS-TA150	1-150ml Syringe 1-Fill Straw	Mallinckrodt/Liebel-Flarsheim Illumena Injectors	FDA, CE and Canada Market
HS-NA125	1-125ml Syringe 1-Fill Straw	Nemoto 120S Injectors	CE
HS-NA150	1- 150 ml Syringe 1-Fill Straw	Nemoto Rempress Angio Injectors	CE
HS-GA200	1-200ml Syringe 1-Fill Straw	Medtron Accutron HP & Accutron HP-D	CE





ACCESSORIES

MODEL NO.	PRODUCT DESCRIPTION	REGISTRATIONS
HT-L201	1-8" (200mm) Straight Tubing with Check Valve	FDA & CE
HT-L201R	1-8" (200mm) Straight Tubing with Check Valve and Rotating Luer	FDA & CE
HT-L1500	1-60" (1500mm) Straight Tubing	FDA & CE
HT-L1500C	1-60" (1500mm) Coiled Tubing	FDA & CE
HT-L1501	1-60" (1500mm) Straight Tubing with Check Valve	FDA & CE
HT-L1501C	1-60" (1500mm) Coiled Tubing with Check Valve	FDA & CE
HT-L1801	1-72" (1800mm) Straight Tubing with Check Valve	FDA & CE
HT-L1801C	1-72" (1800mm) Coiled Tubing with Check Valve	FDA & CE
HT-L1502	1-60" (1500mm) Straight Tubing with dual Check Valves	FDA & CE
HT-L1802	1-72" (1800mm) Straight Tubing with dual Check Valves	FDA & CE
HT-L2001C	1-80" (2000mm) Coiled Tubing with Check Valves	FDA & CE
HT-L2501	1-96" (2500mm) Straight Tubing with Check Valves	FDA & CE
HT-L2502	1-96" (2500mm) Straight Tubing with Dual Check Valves	FDA & CE
HT-LY202	1-200mm Y Tubing with Dual Check Valves	FDA & CE
HT-LY1501	1-60" (1500mm) Y Tubing with Check Valve	FDA & CE
HT-LY1501C	1- 60" (1500mm) Y Coiled Tubing with Check Valve	FDA & CE
HT-LY1502	1-60" (1500mm) Y Tubing with Dual Check Valves	FDA & CE
HT-LY1502C	1-60" (1500mm) Y Coiled Tubing with Dual Check Valves	FDA & CE
HT-LY1801	1-Y tube with 72" (1800mm) and Check Valve	FDA & CE
HT-LY1801C	1-72" (1800mm) Y Tubing with Check Valve	FDA & CE





ACCESSORIES

MODEL #	PRODUCT DESCRIPTION	REGISTRATIONS
HT-LY1802	1-72"(1800mm) Y Tubing with Dual Check Valves	FDA & CE
HT-LY1802C	1-72"(1800mm) Y Coiled Tubing with Dual Check Valves	FDA & CE
HT-LT1501	1-60"(1500mm) T Tubing with Check Valve	FDA & CE
HT-LT1501C	1-60"(1500mm) T Coiled Tubing with Check Valve	FDA & CE
HT-LT1801	1-72"(1800mm) T Tubing with Check Valve	FDA & CE
HT-LT1801C	1-72"(1800mm) T Coiled Tubing with Check Valve	FDA & CE
HT-LY2502	1-96"(2500mm) Y Tubing with Dual Check Valves	FDA & CE
HT-LY2502C	1-96"(2500mm) Y Coiled Tubing with Dual Check Valves	FDA & CE
HT-LT2501	1-96"(2500mm) T Tubing with Check Valve	FDA & CE
HT-LT2501C	1-96"(2500mm) T Coiled Tubing with Check Valve	FDA & CE
HT-SK200	1-9" Transfer Set with C-Clamp	FDA & CE
HT-SK500	1-21" Transfer set with C-Clamp	FDA & CE
HT-SK501	1-21" Transfer set with C-Clamp and Swabable Valve	FDA & CE
HT-TS1000	Single Air Chamber Transfer Set	CE
HT-TS1500	Single Air Chamber Transfer Set with 1500ml Extension	CE
HT-TS2000	Double Air chamber Transfer Set	CE
HT-TS2500	Double Air Chamber Transfer Set with 1500ml Extension	CE
HT-SK001	1-Large Spike	FDA & CE
HT-SK002	1-Small Spike	FDA & CE
HT-J001	1-Fill Straw	FDA & CE





Dual check valve feature adds an extra security measure when using a dual syringe system.

EZ View™ clear back package allows clinicians to view the contents of the kits clearly and quickly, minimizing waste and error



FEATURES





CT CROSS-REFERENCE CHART					
Injector Model	SMP Model Number	Manufacturer Number	Injector Model	SMP Model Number	Manufacturer Number
Medrad MCT Medrad MCT Plus Medrad Vistron CT Medrad Envision CT	HS-MC200	CTP-200-FLS	Nemoto A-60 & A25 Dual Shot Alpha	HS-NC100 Plus	C855-5102 C855-5106
				HS-NC200 Plus	C855-5202
Mallinckrodt/ Liebel-Flarsheim CT9000 9000ADV Optivantage	HS-TC200 Plus	800099	Nemoto Dual Shot Alpha	HS-NCD100 Plus	C855-5174 C855-5178
Mallinckrodt/ Liebel-Flarsheim Optivantage	HS- TC200Y	844021		HS-NCD200 Plus	C855-5404 C855-5408
	HS-TCD200 Plus	844023		HS-NCD210 Plus	C855-5304 C855-5308
Bracco EmpoerCT EmpowerCTA Injectors	HS-BC200 Plus	17344 17345		HS-NCD510 Plus	C855-5154 C855-5155
Bracco Empower CTA	HS-BCD200 Plus	17346 17347		HS-NCD520 Plus	C855-5254 C855-5258
	HS-BC200Y	SMP unique kit		HS-NM50N	SY-50
Medtron Accutron CT-D	HS-GCD200	SMP unique kit	Medtron Accutron CT Accutron CT-D	HS-GC200	317616





MRI CROSS-REFERENCE CHART					
Injector Model	SMP Model Number	Manufacturer Number	Injector Model	SMP Model Number	Manufacturer Number
Medrad Spectris	HS-MMD65	SMP unique kit	Medtron Accutron MR	HS-GMD65	317602
	HS-MMD65T	SQK 65VS		HS-GMD265	317603
Medrad Spectris Solaris	HS-MMD115	SMP unique kit	Nemoto Sonic Shot	HS-NM50N	SY-50
	HS-MMD115T	SSQK65/115VS		HS-NMD50	C855-5079
				HS-NMD50T	SMP Unique Kit
Mallinckrodt/ Liebel Flarsheim MRI Optistar LE Optistar Elite	HS-TMD60	801800			
	HS-TM60Y	SMP unique kit			

ANGIO CROSS-REFERENCE CHART					
Injector Model	SMP Model Number	Manufacturer number	Injector Model	SMP Model Number	Manufacturer number
Medrad Mark V Mark V Plus Mark V Provis	HS-MA150	150-FT-Q	Nemoto 120S	HS-NA125	SY-125
			Nemoto Rempress	HS-NA150	C855-5150
Mallinckrodt/ Liebel-Flarsheim Illumena	HS-TA150	600269/ 900103/ 900101/900102/ 900105	Medtron Accutron HP Accutron HP-D	HS-GA200	316025

