



Your Partner for Angiography



Clear Direction.  From Diagnosis to Care.

MEDRAD® Mark 7 Arterion
Injection System

50 Years in Angiography Innovation in Your Interventional Suite

Bayer is a pioneering leader in the field of angiography and an innovator our customers rely on.

From the inception of the Heilman-Wholey injector in 1967 – to today's advancements in power injection and imaging, Bayer has consistently listened to your needs and delivered solutions that have changed healthcare.

Our uncompromising experience and expertise continue to raise the bar in innovation and performance. We're the experts you've valued for fifty years and the partner you can rely on.

MEDRAD® Mark 7 Arterion Gets High Marks in Customer Satisfaction

Radiologists, cardiologists and clinicians around the globe point to our solutions as their trusted partner in ease of use, safety, and high-quality performance. Our customers endorse MEDRAD® Mark 7 Arterion with an overwhelming willingness to recommend and to buy it again.



Easy to operate, easy to set up syringes and disposable, easy post procedure handling.



Good performance, minimum down time, good clinical application service.



Safety and high efficiency in relation to workflow.

97% say MEDRAD® Mark 7 Arterion has good overall performance

97% recommend MEDRAD® Mark 7 Arterion

97% would purchase MEDRAD® Mark 7 Arterion again

92% see an advantage of MEDRAD® Mark 7 Arterion compared to their previous injector

80% rate MEDRAD® Mark 7 Arterion excellent or very good

*Bayer Customer Satisfaction Survey of 125 customers in Italy, Japan, Germany and the U.S., December 2016

50 Years of Innovation: Our Customers Are at the Center of Everything We Do

Color Touchscreen Display

- › Injection protocol, contrast media volume in syringe and injection result on the main screen
- › Store and sort up to 35 injection protocols
- › Recalls last 50 actual injection results

Ergonomic Design

- › Handle on injector head
- › Large handle on pedestal for mobility
- › Large, smooth rolling casters lock in place
- › 20% smaller footprint and 32% lighter compared to MEDRAD® Mark V ProVis

Articulating Front Load Syringe

- › Easy set up, use and tear down
- › Quick one-handed tubing attachment with MEDRAD® Twist & Go

Clinical Application Service

- › On-site clinical training to perform procedures with confidence from day one

Your Partner for Peace of Mind

Device Service

- › 24/7/365 emergency technical support
- › High quality on-site service
- › Quality care and exceptional value in three customized solutions*

DirectCARE™

Service Agreement Programs

Bayer's most comprehensive on-site service

SelectCARE™

Service Agreement Programs

Essential Bayer options for customized solutions

PartnerCARE™

Service Agreement Programs

The Bayer complement to in-house capabilities

- › Real-time monitoring and rapid resolution by remote support technology*

VirtualCare™

Remote Support

*With purchase of applicable service agreement programs



TAG 150 SYR**



TAG
C120 HPCT
& TAG C150
HPCT**



ART 700 SYR



HPT480E***



VF HC



MEDRAD® Mark 7 Arterion Sterile Disposables*

The **MEDRAD® Twist & Go Disposable Syringe and the MEDRAD® Twist & Go High Pressure Connector Tubing**** (TAG C120 HPCT and TAG C150 HPCT) provides one-handed set-up, for a quick and simplified tubing attachment. The clear polycarbonate barrel of the syringe (TAG 150 SYR) enables visualization of both contrast and air, facilitating your safety monitoring. Two lengths of High Pressure Connector Tubing enable flexibility in injector placement and configuration.

The clear polycarbonate barrel of the **MEDRAD® Mark 7 Arterion Syringe** (ART 700 SYR) enables visualization of both contrast and air, facilitating your safety monitoring.

MEDRAD® VFlow software and Sterile Hand Controller (VF HC) enable consistent and precise contrast delivery at fixed and variable flow rates.****

*Refer to the Operator Manual for a description of the intended use, contraindications, warnings and instructions for use. **MEDRAD® Twist & Go Disposable Syringe and MEDRAD® Twist & Go HPCTs are solely compatible with each other. ***Please inquire with Bayer customer service for availability of HPT480E or substitute.

****Optional



MEDRAD® Mark 7 Arterion Offers Three Configurations that Meet the Needs of Your Angiography Suite



Each suite is unique.

With MEDRAD® Mark 7 Arterion, you can choose the configurations and mounting options for your suite and imaging system to optimize your workflow.



MEDRAD® Mark 7 Arterion Pedestal



Freestanding Pedestal on Wheels or Adjustable Height Pedestal on Wheels

Additional accessory option to relocate the injector head from the table.



MEDRAD® Mark 7 Arterion
Overhead Counterpoise*



MEDRAD® Mark 7 Arterion Table Mount*



MEDRAD® Mark 7 Arterion Table Mount with Dual
Monitor Option*

*Display control Unit can be mounted on a desk, table or wall. **Multiple mounting options are available for dual display. Please see the back cover page.

MEDRAD® Mark 7 Arterion Ordering Information

Product	Catalog Number
MEDRAD® Mark 7 Arterion	
Pedestal	ART 700 PEDL
Table Mount	ART 700 TABL
Freestanding Pedestal on Wheels*	KMA 320RT
Adjustable Height Pedestal on Wheels*	KMA 330
Overhead Counterpoise	ART 700 OCS
Dual Display Options*	ART 700 2DCU
Dual Display Adjustable Table Mount	A-DD-ADJ-TM
Dual Display Fixed Table Mount	A-DD-FIX-TM
Dual Display Wall Mount	A-DD-WALL
Dual Display Desk Mount	A-DD-DESK
Foot Switch Option*	ART 700 FS
MEDRAD® VFlow	
Variable Flow Software Option	ART 700 VFL
Hand Controller (25/box)	VF HC
Sterile Disposables	
MEDRAD® Twist & Go Syringe and Disposables**	
Twist & Go Disposable Syringe with Quickfill Tube, 150mL (25/box)**	TAG 150 SYR
Two lengths of co-extruded high pressure tube with Twist & Go Connector (25/box)**	
48" (120 cm)	TAG C120 HPCT
60" (150 cm)	TAG C150 HPCT
Disposable Syringe with Quickfill Tube, 150mL (25/box)	ART 700 SYR
48" (14.8cm) Fixed Hub High Pressure Connecting Tubing (25/box)***	HPT480E

*Optional **MEDRAD® Twist & Go Disposable Syringe and MEDRAD® Twist & Go HPCTs are solely compatible with each other. ***Please inquire with Bayer customer service for availability of HPT480E or substitute.

Technical Specifications

Technical Specifications	
Flow Rate (Fixed)	0.1–45.0 mL/s in 0.1 mL/s increments
	0.1–59.9 mL/m in 0.1 mL/m increments
Flow Rate (Variable)	1–10 mL/s in 0.1 mL/s increments
Phased injections	Up to 4 phases with different flow rates and volumes delivered in a single continuous injection
Volume	1–150 mL in 1 mL increments
Pressure Limit	100–1200 psi in 1 psi increments
	689–8273 kPa in 1 kPa increments
Rise Time	0.0–9.9 seconds in 0.1s increments
Delay Time	0.0–99.9 seconds in 0.1s increments
Fill Speed	Auto Fill: 1-10 mL/s in 1 mL/s increments. Manual Fill: 1-20 mL/s in 1 mL/s increments.
Fill Volume	1–150 mL in 1 mL increments
Syringe Size	150 mL
Protocol Memory	35 Protocols
Injection Memory History	50 Injections

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