
BAYER
Your Partner
for Angiography
50 YEARS
IN ANGIOGRAPHY
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.

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

97% **recommend MEDRAD® Mark 7 Arterion**

97% **will 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**

1. Easy to operate, easy to set up syringes and disposable, easy post procedure handling.
2. Good performance, minimum down time, good clinical application service.
3. Safety, high efficiency in workflow.

**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

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

Clinical Application Service

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

**With purchase of applicable service agreement programs*



MEDRAD® Mark 7 Arterion Sterile Disposables

The clear polycarbonate barrel of the MEDRAD® Mark 7 Arterion Syringe (ART 700 SYR) and MEDRAD® Twist & Go Disposable Syringe (TAG 150 SYR) enable visualization of both contrast and air, facilitating your safety monitoring.

The MEDRAD® Twist & Go Disposable Syringe and the MEDRAD® Twist & Go High Pressure Connector Tubing (TAG C50 HPCT and TAG C150 HPCT) provides one-handed set-up, for a quick and simplified tubing attachment.* Two lengths of High Pressure Connector Tubing enable flexibility in injector placement and configuration.

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



VF HC



ART 700 SYR



DCT 148



TAG 150 SYR**



TAG C50 HPCT & TAG C150 HPCT**

**Refer to the Operator Manual for a description of the intended use, contraindications, warnings and instructions for use.*
***MEDRAD® Twist & Go Disposable Syringe is only compatible with MEDRAD® Twist & Go HPCTs and the other way around.*
****Optional*


SINGLE
Programmed
Flow Rate
2.0
Volume
20
1200
Arm Single
Arm Multi
Home
Protocols
History
150 ml
2.0
20
1200
150 ml
medrad Mark 7 Arterion
medrad Twist & Go

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



MEDRAD® Mark 7 Arterion Overhead Counterpoise*



MEDRAD® Mark 7 Arterion Table Mount*



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



Freestanding Pedestal on Wheels or
Adjustable Height Pedestal on Wheels

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

**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	
Disposable Syringe with Quickfill Tube, 150ml (25/box)	ART 700 SYR
48" (148cm) Fixed Hub High Pressure Connecting Tubing (25/box)	DCT148
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)**	
20" (50 cm)	TAG C50 HPCT
60" (150 cm)	TAG C150 HPCT

**Optional*

***MEDRAD® Twist & Go Disposable Syringe is only compatible with MEDRAD® Twist & Go HPCTs and the other way around.*

System Technical Specifications

System 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 contiuous 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:	1–10 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

Clear Direction. From Diagnosis to Care.

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