



Your Partner for 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.



50 Years of Innovation:

Our Customers Are at the Centre of Everything We Do

Colour 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 two customised solutions*

DirectCARE™

Service Agreement Programs

Bayer's most comprehensive on-site service

SelectCARE™

Service Agreement Programs

Essential Bayer options for customised solutions

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



Product Training Support

- › On-site 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) enables visualisation 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 C120 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 C120 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*

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 optimise your workflow.



MEDRAD® Mark 7 Arterion Pedestal



MEDRAD® Mark 7 Arterion Overhead Counterpoise*

**Display control Unit can be mounted on a desk, table or wall.*



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 refer to page 8.*



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

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)** | |
| 120cm (48") | TAG C120 HPCT |
| 150cm (60") | 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 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 0.1 ml increments |
| Delay Time: | 0.0–99.9 seconds in 0.1 ml 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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