



Bringing Simplicity to Contrast Enhanced Mammography (CEM)



Clear Direction. > From Diagnosis to Care.

medRAD® Salient
Contrast Injection System

Clear Direction With MEDRAD® Salient

The MEDRAD® Salient Injection System has been engineered to combine innovation and mobility in order to bring simplicity and reliability to your suite.



Simplicity

- Intuitive, icon-driven interface
- Flexible workflow and software architecture
- Single-action syringe loading
- Minimal installation with battery operation for total mobility

Reliability

- Dependable, reproducible flow rates and pressures that can consistently deliver injection protocols
- Provides a maximum pressure up to 300 psi and up to 10 mL/s
- Power injection enables accurate and repeatable contrast administration¹⁻⁴

“The Salient is an integral part of our Contrast Mammography procedure. Our workflow is efficient as we can be drawing up the contrast into the syringe with the autofill function while the patient is being cannulated by the nursing staff.”

CEM Radiographer, Australia

Salient Injector User Experience Interview (2023)



Your Partner for Contrast-Enhanced Mammography⁵⁻⁷

Salient can support a wide range of procedures, including contrast-enhanced mammography (CEM).

Several research studies demonstrate⁵⁻⁷ the efficacy and importance of CEM in breast cancer detection and management. CEM can facilitate early diagnosis of breast cancer, which is crucial to providing optimal treatment options. Breast cancer is the most commonly diagnosed cancer globally,⁷ but with early detection and intervention, it is also one of the most treatable.⁸





Main Features and Benefits

Easy syringe loading

Easy contrast loading

Easy-loading syringe is simply pushed into bayonet and rotated 90°

Intuitive, icon-driven user touch screen with simple protocol management

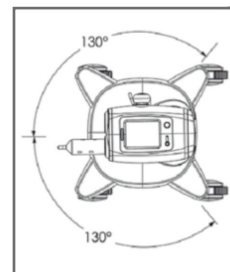
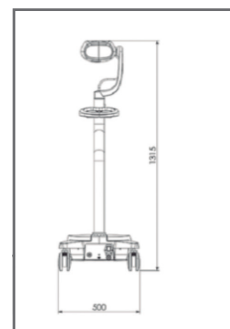
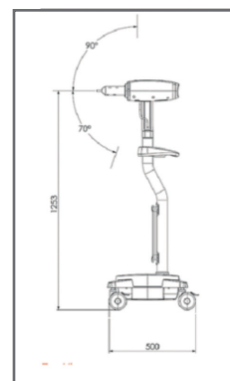
Infrared remote control for easy and safe operation from CT control room

Small footprint and light weight for better mobility

Large, lockable wheels

Complete range of consumables

Dimensions





Versatility in Your Suite

The straightforward design of Salient offers flexibility for your daily operations.

- Cordless configuration:
Helps keep floor free of cords
for a safer clinical environment
- Compact design:
Enhances mobility
Enables easy transport and
storage
- Extensive Applications:
Easily performs CEM injection
protocols*
- Customised protocols:
Allows customised protocols – up to six
phases
Saves up to 20 customised injection
protocols



Additional Tools for Enhanced Efficiency

Salient can be further tailored with the following accessories and features:

- Protocol Assistant Tool (PAT)
- Assurance: Salient has indications for x-ray diagnostic procedures, including CEM.



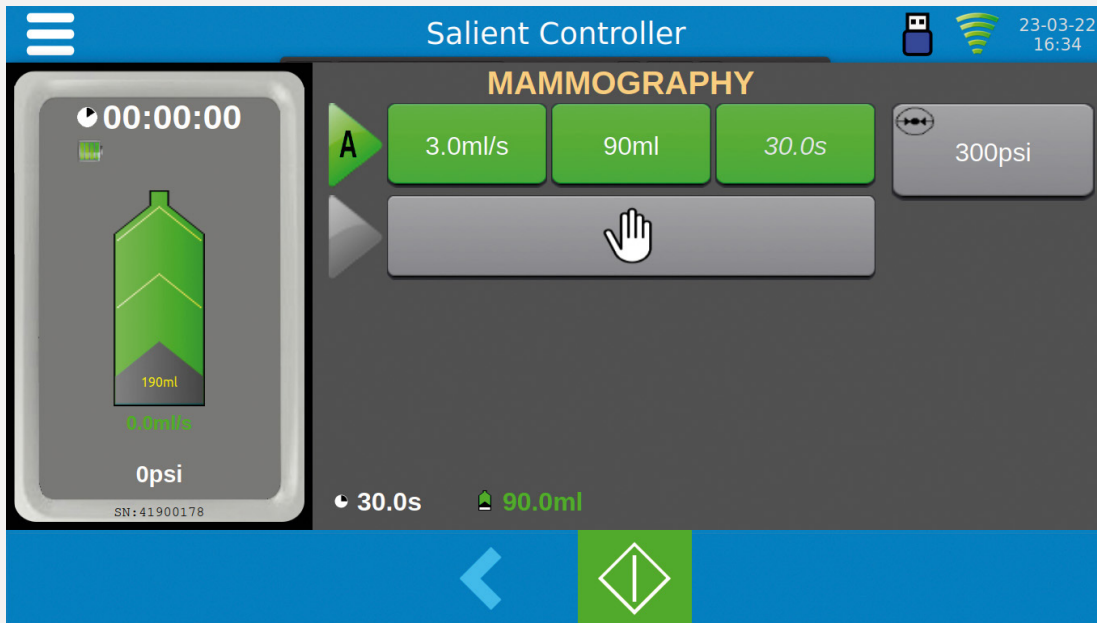
Control room monitor with the Protocol Assistant Tool (PAT)

*Example protocol for CEM. 1.5mls/kg at 2-4 mls/sec.



Bayer Is Your Partner

MEDRAD® injectors can support you in achieving diagnostic image quality for your patients and workflow efficiency in your CEM procedures.



Example protocol for fictional patient.

- Our Service and Application Specialists provide quality service and solutions to meet your clinical, financial, and operational needs.
- To learn more about MEDRAD® Salient Single and other Bayer products, please speak to your local Bayer representative.



MEDRAD® Salient Technical Specifications

Functional

Maximum pressure	300 psi
Flow rate	0.1 to 10 mL/s
Maximum volume	190 mL
Multi-phase protocols	Up to six phases. Storage for 20 different named protocols
Manual fill rate	Up to 10 mL/s
Auto fill rate	Up to 10 mL/s

Controls

Base	Line power, IEC inlet, on/off switch
Head	5.7" LCD touch screen, arm button, on/off soft switch
Infrared remote control	Inject start/stop

Mechanical

Weight	25 kg (Single)
Height	1315 mm
Floor area	500 mm x 500 mm
No. of wheels	4 casters, all individually locking

Electrical

Line voltage	100 – 230 VAC
Line frequency	50/60 Hz
Battery operation	Dual batteries, sealed lead acid
Mains power operation	Simultaneous operation and battery charging
Contrast heat maintainer <i>(one (1) included)</i>	37°C +/- 4°C, 5W

Ordering Details

PART NAME	PART NO.
Salient Single Injector With Remote Control Unit	DC009SW
Salient Dual Injector With Remote Control Unit	DC009DW
Connector Tubing Single <i>(box of 50)</i>	ZY5151
Connector Tubing for Dual <i>(box of 50)</i>	ZY5152
Syringe With Fill Spike <i>(box of 50)</i>	ZY6323
Syringe With Fill Spike, Single LPCT <i>(box of 50)</i>	ZY6324
Syringe With Quick Fill Tube, Single LPCT <i>(box of 50)</i>	ZY6325

References:

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3. Jost G, Endrikat J, Pietsch H. The Impact of Injector-Based Contrast Agent Administration on Bolus Shape and Magnetic Resonance Angiography Image Quality. *Magn Reson Insights*. 2017;10:1178623x17705894.
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