

ABOUT

The **Medrad Stellant FLEX** Contrast Injector is an advanced CT injection system designed to improve operational efficiency, patient safety, and clinical flexibility. With its intuitive design, customizable protocols, and innovative features like DualFlow and automated documentation, this system enhances workflow and optimizes contrast delivery for precise imaging.

FEATURES

- **DualFlow Technology:** Allows simultaneous injection of contrast and saline for optimized image quality.
- **Precise Contrast Delivery:** Flow rates are adjustable from 0.1–10 mL/sec in 0.1 mL increments.
- **Automated Documentation:** Streamlines workflow by capturing and syncing contrast and study data with PACS, RIS, and other hospital systems.
- **Beacon Technology:** Provides easy visual confirmation of fluid presence in syringes for enhanced safety.
- **User-Friendly Interface:** Intuitive touch interface for simplified operation and protocol customization.
- **Syringe Options:** Compatible with 150 mL and 200 mL syringes, reducing environmental impact and operational costs.
- **Remote Support:** Integrated VirtualCare™ Remote Support for advanced diagnostics and real-time assistance.



SPECIFICATIONS



DIMENSIONS

Injector Head

- **Height:** 14.5 in (36.8 cm)
- **Width:** 12.1 in (30.7 cm)
- **Depth:** 6.0 in (15.2 cm)
- **Weight:** 16.8 lbs (7.6 kg)

Base Unit

- **Height:** 11.3 in (28.6 cm)
- **Width:** 11.0 in (27.9 cm)
- **Depth:** 9.0 in (22.9 cm)
- **Weight:** 13.6 lbs (6.2 kg)

Certegra Workstation

- **Height:** 10.2–10.8 in (25.9–27.3 cm)
- **Width:** 15.1 in (38.4 cm)
- **Depth:** 6.8–7.9 in (17.3–20.2 cm)
- **Weight:** 15.8 lbs (7.2 kg)

INJECTION SPECIFICATIONS

Flow Rate: 0.1–10 mL/sec
(adjustable in 0.1 mL increments)

Volume: 1 mL to syringe capacity
(adjustable in 1 mL increments)

Pressure Limit: Adjustable from 50–325 psi
(345–2241 kPa) in defined increments

Syringe Capacities: 150 mL and 200 mL
sterile disposable syringes

Number of Phases: Up to 6 programmable phases

ELECTRICAL SPECIFICATIONS

Voltage: 100–240 VAC

Frequency: 50/60 Hz

Power Consumption: 300 Volts-Amps

TEMPERATURE MANAGEMENT

Syringe Heat Maintainer: 35°C ± 5°C (95°F ± 9°F)

SAFETY FEATURES

Visual Indicators: Beacon technology and FluidDots for fluid presence confirmation.

Barcodes: Automatic syringe identification for size, expiration, and usage verification.

Pause/Hold Options: Pause: 1–900 seconds, Hold: up to 20 minutes.

MOUNTING OPTIONS

- Overhead Counterpoise System
- Floor Pedestal with Integral IV Pole

CONNECTIVITY AND INTEROPERABILITY

Data Sync: Compatible with PACS, RIS, and other hospital IT systems for streamlined workflow.

Remote Support: VirtualCare™ provides remote diagnostics and real-time assistance.