



# OptiStar<sup>®</sup> Elite

MR CONTRAST DELIVERY SYSTEM

**A Guerbet Interconnected Solution**

**MR**



## The Smart Choice for MR Imaging

### Workflow Efficiency

#### Dual syringe powerhead

- ▶ Perform both single and dual syringe injections used in the most advanced MRI protocols.

#### Enable from console

- ▶ Minimize delays by enabling the injector from either the powerhead or the control console.

#### Multi-phase programming

- ▶ Save up to 40 four-phase protocols.

#### Auto retract

- ▶ Quickly remove syringes from the powerhead without waiting for rams to fully retract.

#### Color touchscreen

- ▶ Easy to use with intuitive graphic screen design.

#### Battery-free operation

- ▶ Eliminate time and cost associated with battery charging and replacement.

#### Prefilled compatible

- ▶ Ability to draw empty syringes outside of the examination room.

### Patient Comfort and Care

#### Patency Check<sup>®</sup> feature

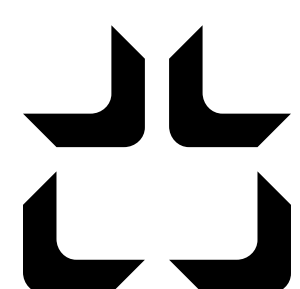
- ▶ Check for a proper stick and vascular patency at the patient bedside and manually check for possible extravasation episode.

#### Timing Bolus<sup>®</sup> feature

- ▶ Easily perform a test injection to confirm protocol is properly set; aids in better image quality by obtaining consistent contrast media delivery.

#### Variable drip mode

- ▶ Switch between injection and drip mode at any time to help ensure IV line patency throughout the procedure.



**Contrast&Care.**

INJECTION MANAGEMENT SOLUTION

#### Order with your injector for a complete injection solution:

- ▶ Capture and organize information
- ▶ Save time through information sharing with health IT systems
- ▶ Facilitate traceability of contrast media



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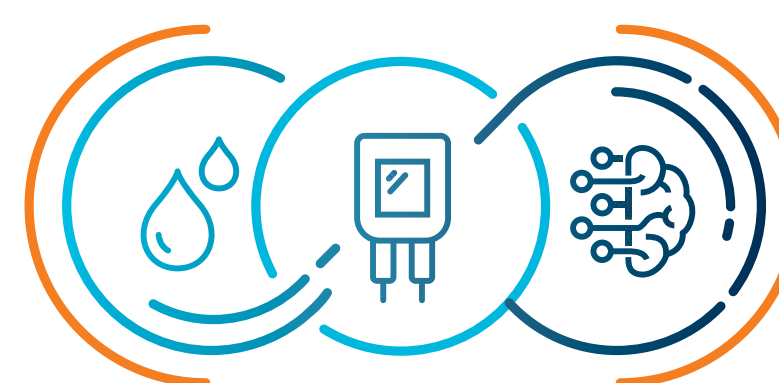
MR CONTRAST DELIVERY SYSTEM

## Technical Specifications

Flow Rate	<p><b>A Side</b> 60 mL syringes: 0.1–10.0 mL/sec 10, 15, 20, 30 mL syringes: 0.1–8.0 mL/sec</p> <p><b>B Side</b> 60 mL single-use disposable syringes: 0.1–8.0 mL/sec 50, 125 mL prefilled saline syringes*: 0.1–8.0 mL/sec</p>	Volume	<p><b>A Side</b> 10, 15, 20 mL syringes: 1 mL to 20 mL 30, 60 mL syringes: 1 mL to installed syringe size</p> <p><b>B Side</b> 60 mL syringes: 1 mL to installed syringe size 50, 125 mL prefilled saline syringes*: 1 mL to installed syringe size*</p>
Pressure Limit	<p>60 mL empty syringes: 150 psi 10, 15, 20, 30 mL prefilled syringes: 200 psi* 50, 125 mL prefilled saline syringes: 150 psi*</p>	Scan Delay	0–60 seconds
Syringe Sizes	<p>60 mL empty syringes 10, 15, 20, 30 mL prefilled syringes* 50, 125 mL prefilled saline syringes*</p>	Inject Delay	0–300 seconds
		Number of Phases	6 including Timing Bolus® feature
		Phase Delay	0–600 seconds + pause
		Number of Programs	40
		Inject History	Last 48 injected protocols
		MR Compatibility	Up to 3 Tesla

\*Where available

For sales, service and support, contact your local sales representative or call **1.877.729.6679**. More information is available at [www.guerbet-us.com](http://www.guerbet-us.com).



**UNIK**  
Tailored interconnected solutions  
driving your journey to excellence

The OptiStar® Elite MR Contrast Delivery System is a Class II Medical Device in the United States. For complete information about precautions and optimal usage conditions for this device, consult the full instructions for use supplied with each device or with your local Guerbet representative(s). Caution: US Federal Law restricts this device to sale by or on the order of a physician. OptiStar® Elite MR Contrast Delivery System is a registered trademark of Liebel-Flarsheim. Contrast&Care® is a medical device intended for use by healthcare professionals only. It allows imaging centers to collect, archive, view and share patients' injection data, including data concerning contrast products, adverse events, injector activity, data on the estimated eGFR and other pre-exam alerts, such as previously reported allergies. Contrast&Care® also provides options to visualize analytics data and trends relating to injection activity and contrast product usage.

For complete information about precautions and optimal usage conditions, we recommend consulting the instructions for use supplied with the device or by your local Guerbet representative(s).

Class I  
Manufacturer: Medex