

imaStar

CT Injector Series



Contrast Delivery Manufacturing Experts

Continuously Creating Value for Our Customers

Simultaneous Flow Feature

- Contrast and saline can be injected simultaneously
- Allows the control of contrast density in both sides of the ventricles
- Significantly reduces CT artifact
- Able to observe the right coronary arteries, right atrium and right ventricle in the same image

Precise Dosing

- Precise injection volume and increment to 0.1mL

Ease of Operation and All-Day Clinical Efficiency

- Wireless communication between the injector head and the large touch screen enables safe and efficient loading, filling, and air purging during setup
- Test injection mode
- Auto-filling
- Quantitative filling
- Optional structure for multi-patient workflow

Dual Head Flexibility

- Simultaneous injection protocol designed for advanced cardiac CTA and Spectral CT imaging exams
- Optimization of contrast usage
- Separate post-injection saline flush helps minimize contrast waste

Smart Syringe Detection

- Auto syringe detection feature automates piston rod operation
- Optional RFID feature ensures genuine syringe recognition

Independent Dual Motor Drive System

- Dual motor drive enables time-saving syringe loading and filling
- Allows independent injection of contrast and saline

Connectivity

- RIS/PACS connectivity via DICOM standard
- Communicates with imaging scanners to enable digitization, information-based management, and intelligent analysis of enhanced contrast imaging data



Heat Maintainer

- Active contrast heating maintains optimal temperature

Reliable | Safe | Waterproof | Easy-to-Use

The ImaStar™ CT Series Injector is engineered for optimized contrast delivery and advanced diagnostic capability in modern CT applications.

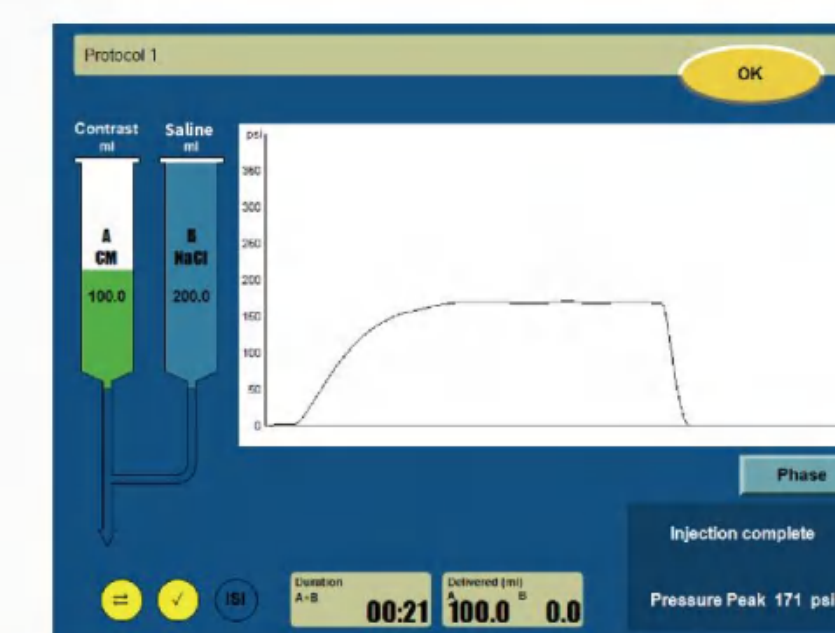
Color Touch-Screen

- Dual color touch screens for intuitive operation
- Clear and concise interface design to enhance operational confidence



Real-time Pressure Curve

- Provides a real-time pressure graph for continuous injection monitoring



Safety

- Double-confirmation workflow verifies air purge and readiness before injection, providing greater operational confidence and safety
- Automatically slows down the injection as the pressure approaches the preset limit
- Waterproof head design minimizes the risk of damage from contrast media and saline leakage
- Automatic head angle detection prevents unintended injection starts
- Allows pausing and resuming injection during delivery

Specifications

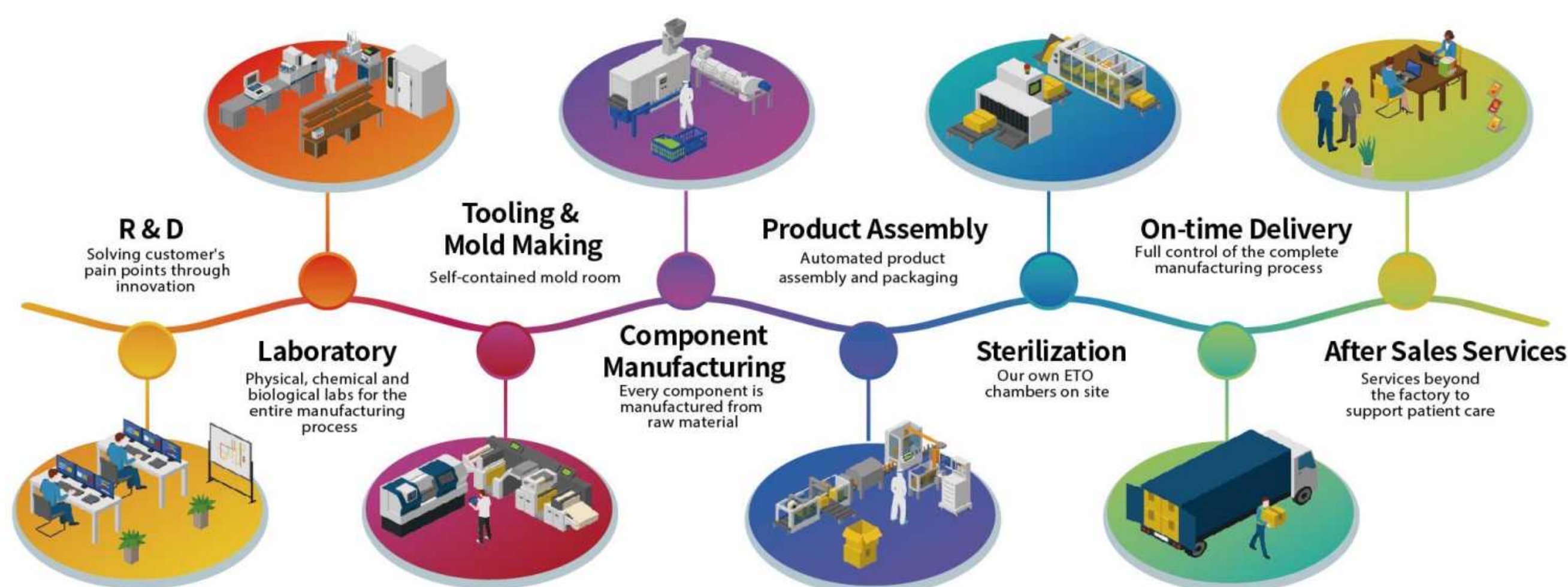
Power Supply	100~240 VAC, 50/60 Hz, 200 VA
Flow Rate	0.1~10.0 mL/s
Pressure Limit	325 psi
Auto Filling Rate	8.0 mL/s
Air Purge Rate	1.0~9.9 mL/s
Phases	6+
Injection Programs	2000
Injection Records	5000
Volume	A: 0.1~200.0 mL B: 0.1~200.0 mL (CT dual)
Auto-filling Volume:	1.0~200.0 mL
Multiple Language User Interface	
Infusion stand is optional	

Consumables



- 200 mL Syringe for Contrast
- 200 mL Syringe for Saline

Fully Vertically Integrated Contrast Delivery Manufacturing



2 Fully Vertically Integrated Factories in China and Malaysia

4 Warehouses outside China

Founded in 2000, Antmed is a global leader in contrast delivery solutions, offering injectors & consumables for contrast delivery, disposable pressure transducers, and dental implants.

With fully vertically integrated manufacturing, subsidiaries across Asia, Europe, and the U.S., and products sold in over 120 countries, Antmed is shaping the future of medical device innovation worldwide.



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