

Spectra 02

Dual Head Contrast Media Injector for CT



- Compact
- User Friendly
- Reliable

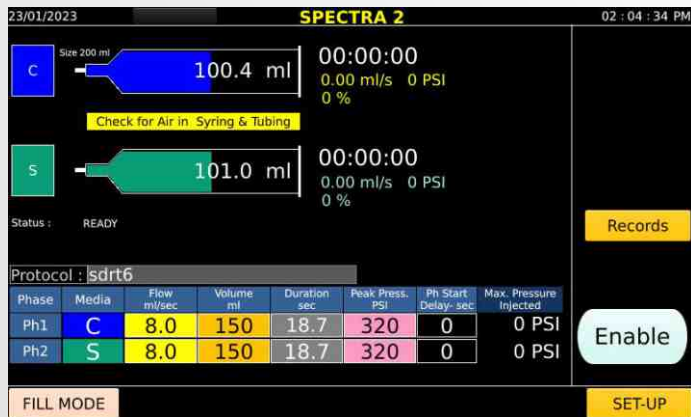

SPECTRUM

Spectra 02

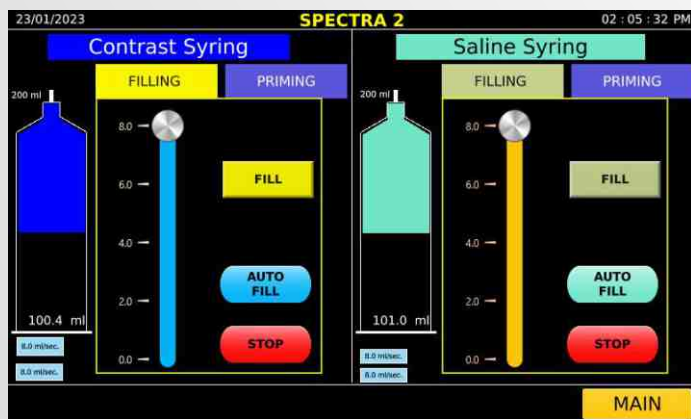
A contrast media injector specifically designed for CT scan imaging having fully indigenous design with aluminium casing for better hygiene and easy maintenance.

Designed for enhanced operation, the modernised user interface is displayed with touch screens and provides a simplified programming and a comprehensive follow-up of each injection step.

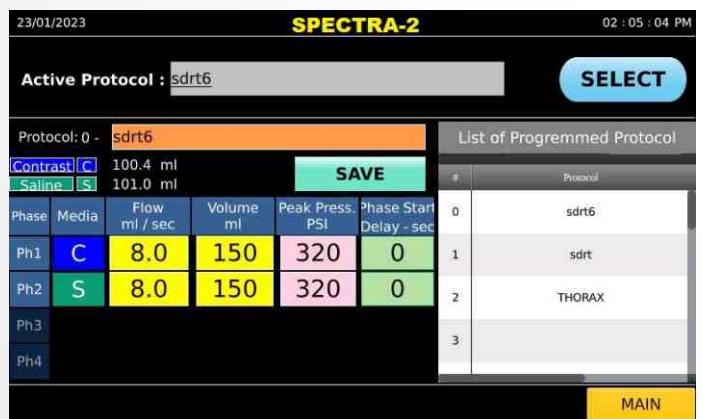
The upgraded graphical user interface of **Spectra 02** focuses on a comprehensive view of each parameter. Apart from saved profiles there is provision for storing customized profiles.



Main Screen



Fill Mode



Set-up Mode

Color coded graphical representation of pressure against time and flow rate, that helps the technicians to be in total control throughout the procedure and also ensures patient safety.



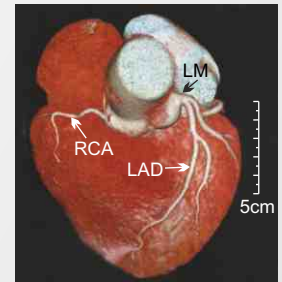
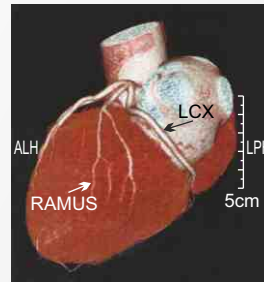
Solution	CONTRAST		SALINE		Injection Records			
	ACTUAL	SET	ACTUAL	SET	#	Injection N...	Date	Time
Flow [ml / sec]	8.04	8.0	8.03	8.0	1	1	22/01/23	18:15:18
Volume [ml]	19.9	20	19.5	20	2	2	23/01/23	14:25:19
Peak Press. [PSI]	5	320	8	320	3	3	23/01/23	16:17:20
Injection Time [sec]	03.082		02.817					

Radiographers and radiologists are working mostly on screens throughout the day, monitoring examination and analyzing images. With high resolution touch screens of 7' on injection unit and 10' on remote control, **Spectra 02** improves the comfort of use and helps to reduce eye fatigue. The new graphical user interface provides a comprehensive overview of each examination.

Inside the exam room the choice of light mode display on injector screen enhances the readability of key parameter. In the low light of console room, the operator can choose the dark mode display to reduce visual disturbance and allow the focus on the imaging procedure.

Spectra 02

Spectra 02 injector has two syringes, side A for contrast and side B for saline. Different protocols are designed for suitable studies. The cardiac images shown are after delivering contrast and saline with a specific protocol.



Technical Data

Functional

Flow rate
Maximum Volume
Maximum Pressure
Injection mode
Scan delay
Phase delay
Heating
Protocol types
Manual fill rate
Auto fill rate

Controls

Base

Head Screen

Console room controller

Monitor

Controls

Interface

Injection history

Mechanical

Weight

Height

Footprint

Wheels

Electrical

Line voltage

Battery Backup

A Side

0.1 to 8 ml/s (0.1 ml/sec increment)

200 ml (1 ml/sec increment)

350psi / 22 bar

Up to four phases

0-300 sec

0-300 sec

External syringe warmer (up to 37° C)

20 different protocols

Up to 8 ml/s

Up to 8 ml/s

Line power

IEC inlet

On/off switch

7" LCD touch screen

Wireless

10" LCD

Wi fi enabled controls keeps the injector wireless and mobile.

Complete injector protocol management all from within the control room.

Real time injection pressure and flow matrix.

All the advantages of touch screen Tablet. up to 100 past injections.

26 kg

1300 mm

410 mm x 410 mm

4 antistatic castors, two locking

230 VAC, 50 Hz

Optional

Manufactured by

Spectrum Medical Technologies LLP

(ISO 13485:2016 Certified Company)

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