

Contrast Media Injector for **Angiography**

PCA-100



ANGIO SINGLE HEAD



PCA-100

Better efficient and Safer Use

- This product is an auxiliary device for DSA angiography. During interventional angiography, combined with X-ray angiography equipment, sufficient amount of contrast media can be quickly injected into the examination site within a certain time.

Easy to operate

- The super large cantilever can flexibly adjust its position to adapt to different operating habits
- The needle cylinder installation is simple and convenient, and can be easily loaded and unloaded by slightly rotating the needle cylinder
- After the system detects that the needle cylinder is installed in place, it will automatically exhaust

Accurately and safely injection

- Manual knob for more precise adjustment
- Easy set up, use and tear down
- The system can automatically detect the current position of the injection head, and normal injection can only be performed when the needle barrel end of the injection head is facing downwards



Modern design

- Modernized user interface on larger touchscreens
- 13.3" color high resolution touch screen



Enriched user experience

- The upgraded graphical user interface of PCA-100 focuses on providing a comprehensive view of each parameter. It visually highlights the key parameters.
- Choosing and selecting from lists and a saved profiles library now simplify exam management. This leads to an easier, clearer and more precise programming in less time.

The injector is suitable for disposable syringe tubing system

Use for any number of injections for one patient, change and disposal after each patient.



Running well with imaging systems of all major manufacturers in the world

The injector are running well with imaging systems of all major manufacturers in the world, including GE, Philips, Siemens, Neusoft, Canon.



Mechanical specs

Components	Dimensions
Control room unit	14.76" (37.5cm) W 10.51" (26.7cm) H 5.71" (14.5 cm) D
Scan room unit	20.55" (52.2 cm) W 62.91" (159.8cm) H 29.02" (73.7 cm) D
Net Weight	30KG (Approx)

Injector Specs

System capabilities	
Flow rate (range & increments)	0.1–45 mL/sec in 0.1 mL increments
Volume (range & increments)	1 mL to syringe capacity in 0.1 mL increments
Programmable pressure limit (psi/kPa)	50~1200 psi, 345~8274 kPa
Pause	0–999 seconds in 1 second increments
Hold	continue
Syringes (volume capacity)	Single Syringe 150mL
Maximum number of phases	8
Miscellaneous Specifications	
Electrical requirements (VAC/Hz)	AC 220V 50Hz 800VA
Heat maintainer	38°C±5°C



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