

Syringe Kits and Accessory

I Type Connection Tube for DSA Injector ( Pressure limit: 1200 PSI )

|                        |  |
|------------------------|--|
| Product code           | 7.20.01.0034   |
| Size                   | 1200mm   |
| Standard configuration | 1 piece of 1200 mm transparent high-pressure connection tube ( With 1 Luer taper ) |



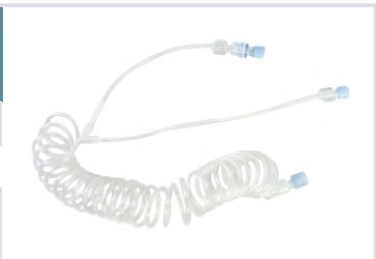
I Type Connection Tube ( Pressure limit: 300 PSI )

|                        |  |   |
|------------------------|--|---|
| Product code           | 7.20.03.0018   | 7.20.03.0017  |
| Size                   | 1500mm   | 1500mm  |
| Standard configuration | 1 piece of spiral connection tube( Without one-way valve ) | 1 piece of spiral connection tube( With one-way valve ) |



Y Type Connection Tube ( Pressure limit: 300 PSI )

|                        |   |   |
|------------------------|---|---|
| Product code           | 7.20.03.0022  | 7.20.03.0019  |
| Size                   | 1500mm  | 1500mm  |
| Standard configuration | 1 piece of spiral connection tube( With 1 one-way valve ) | 1 piece of spiral connection tube( With 2 one-way valve ) |



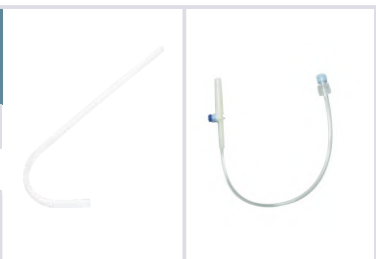
T Type Connection Tube ( Pressure limit: 300 PSI )

|                        |   |   |
|------------------------|---|---|
| Product code           | 7.20.03.0020  | 7.20.03.0021  |
| Size                   | 1500mm  | 1500mm  |
| Standard configuration | 1 piece of spiral connection tube( With 1 one-way valve ) | 1 piece of spiral connection tub ( With 2 one-way valve ) |



Fill Tube

|                        |                                   |   |
|------------------------|-----------------------------------|---|
| Product code           | 7.20.03.0028                      | 7.20.03.0029  |
| Size                   | 100mm                             | 100mm   |
| Standard configuration | 1 piece of 500 mm J type filltube | 1 connection tube (Fill tube) 1 end with long spike |



Contrast Media Injectors  
( For CT/MRI/DSA Series )



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Build Quality Build Reliability

# SinoPower series

## | CT Injectors

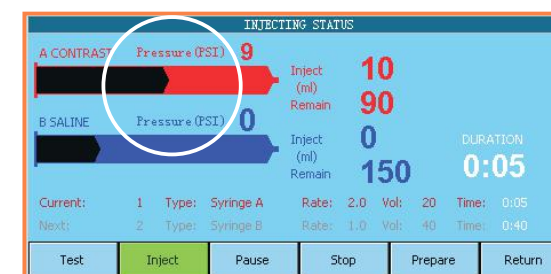
# SinoPower

SinoPower-D

SinoPower-S

Unique design of **"Direct Pressure Sensor"** protect patient

( Patent No.: ZL200920129005.9 )



- Real-time injection pressure display
- When the actual pressure exceeds the limit, the system will automatically stop injection and give alarm
- Effectively reduce the swelling caused by vascular rupture (See the application case)

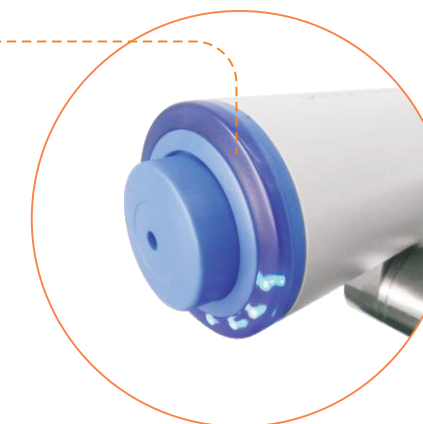
Local & remote real **color LCD** touch screen display



- Remote console: able to edit the protocols and execution of injection, synchronous display of all operations of the local console
- Local console: all actions can be performed, and synchronous display of all operations of the remote console.

**LED rotation indicator**

- LED clockwise rotation show the drug suction process
- LED counter clockwise rotation show the injection process





Immediately stop the injection

- For the emergency, immediately stop injecting and prevent damage



Large handhold and large wheel

- Easy to move and easy to fix the injector



Specifications of CT High-Pressure Injector

| Model              | SinoPower-S   | SinoPower-D  |
|--------------------|---|--------------|
| Syringe            | Single syringe  | Dual syringe |
| Size of syringe    | 200mL sterile syringe for high-pressure injector      |              |
| Pressure limit     | 50 Psi ~300Psi  |              |
| Flow rate          | 0.1ml/s~10.0ml/s<br>Step: 0.1mL/s                     |              |
| Injection volume   | 0.1mL ~ Volume of syringe                             |              |
| Injection delay    | 0~600s  |              |
| Injection phases   | 1~8 phases  |              |
| Injection protocol | Up to 120 protocols                                   |              |
| Control console    | 7 inch real color touch LCD for both local and remote |              |
| Syringe heater     | 35°C±5°C ( ≥40min )                                   |              |

Patented technology to protect patient

-Application of SinoPower High-pressure Injector

Patented technology of 'Direct Pressure Sensor' to monitor real-time injection pressure, the injector will give alarm and stop injection when the pressure is abnormal, effectively reduce the swelling caused by vascular rupture to protect patient

The application of SinoPower-D High-pressure Injector in Sun Yat-sen Memorial Hospital

The Sun Yat-sen Memorial Hospital is an internationally well-known hospital with long history. In early February 2009, a SinoPower-D CT Injector was brought into use in the radiology department working with Siemens Sensation 64 CT . After being put in use, the new equipment has shown outstanding performance. The docoters and nurses responsible for on-site operation highly praise it: " SinoPower CT Injector is very safe, convenient and stable in use, having excellent clinical performance!"



Unique and patented technology of 'Direct Pressure Sensor', avoid medical accident caused by leakage of liquid

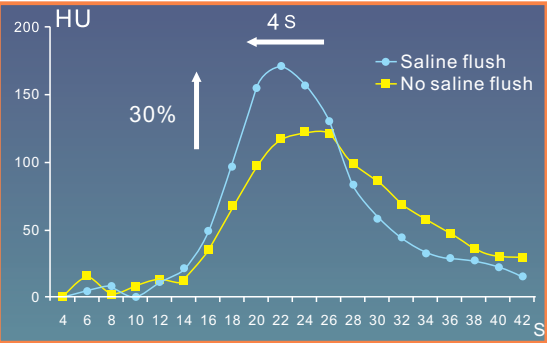
Enhanced Scan Injection has some risks in clinical use, if the needle hole moves away from blood vessel or the blood vessel is ruptured, the liquid will percolate through the skin to cause severe swelling and even fester. Fortunately, the SinoPower-D High can perceive real-time injection pressure, once the pressure exceeds limit extremely, the injector will give alarm and stop injection immediately to greatly reduce swelling and avoid accident.

Oneday, when making enhanced scan on a girl from Foshan, liquid leakage and swelling happened due to the needle was a little away from the blood vessel, as the girl's blood vessel is a little bit narrow. SinoPower-D High injector successfully detected abnormal pressure and stooped injection immediately, a medical accident was avoided. Afterwards, the on-site doctor said: "Thanks to the machine, an accident is avoided in time, otherwise the consequence will be terrible."

Powerful functions and stable working

This CT department is very busy, more than 80 enhanced scan will be done per day sometime . In the peak time, there is case every 4-5 minutes, which covers scan of ordinary organs and brain. With so frequent use, SinoPower-D injector still works well all the time. During the 7 years after being put in use, several tens of thousands injections were finished without any problems, even under so intensive, long time and continuous use.

Dual syringe injection, support saline flush function (SinoPower-D)



- Saline flush reduce the fake image and get better enhancement, improve the image quality

Syringe Maintainer 35°C±5°C (≥1hr)

- Maintain the temperature of the contrast media and saline, making the injection process more comfortable



# Syringes for High Pressure Injectors

## Syringes for CT Injectors

|  |  |  |   |
|--|--|--|---|
|    |   |    |    |
| 200ml  | 200ml  | 200ml  | 100ml   |
| Product code: 7.20.01.0058   | Product code: 7.20.01.0059(S)<br>7.20.01.0060(D)   | Product code: 7.20.01.0062(S)<br>7.20.01.0061(D)   | Product code: 7.20.01.0053  |
| <b>Application:</b><br>Medrad<br>1.MCT & MCT plus CT<br>2.Vistron CT<br>3.En Vision CT<br><br><b>Standard configuration:</b><br>1-200ml Syringe<br>1-1500mm Connecting Tube<br>1-Fill Tube | <b>Application:</b><br>Medrad<br>1.Single stellant<br>2.Double stellant<br><br><b>Single Standard configuration:</b><br>1-200ml Syringe<br>1-1500mm Connecting Tube<br>1-Fill Tube<br><br><b>Double Standard configuration:</b><br>2-200mlSyringe<br>1-1500mm Connecting Tube<br>2-Fill Tube | <b>Application:</b><br>EZEM<br>1.Single Empower<br>2.Double Empower<br><br><b>Single Standard configuration:</b><br>1-200ml Syringe<br>1-1500mm Connecting Tube<br>1-Fill Tube<br><br><b>Double Standard configuration:</b><br>2-200mlSyringe<br>1-1500mm Connecting Tube<br>2-Fill Tube | <b>Application:</b><br>Nemoto<br>A-60&A-25<br><br><b>Single Standard configuration:</b><br>1-100ml Syringe<br>1-1500mm Connecting Tube<br>1-Fill Tube |

|  |  |  |  |
|--|--|--|--|
|    |   |    |   |
| 200ml  | 200ml  | 200ml  | 200ml  |
| Product code: 7.20.01.0063   | Product code: 7.20.01.0064(HP)<br>7.20.01.0065(DP)   | Product code: 7.20.01.0066(S)<br>7.20.01.0067(D)   | Product code: 7.20.934651(S)<br>7.20.934661(D)   |
| <b>Application:</b><br>Nemoto<br>A-60<br><br><b>Single Standard configuration:</b><br>1-200mlSyringe<br>1-1500mmConnecting Tube<br>1-Fill Tube | <b>Application:</b><br>Medtron<br>1.Accutron HP<br>2.Accutron DP<br><br><b>HPStandard configuration:</b><br>1-200mlSyringe<br>1-1500mmConnecting Tube<br>1-Fill Tube<br><br><b>DPStandard configuration:</b><br>2-200mlSyringe<br>1-Connecting Tube<br>2-Fill Tube | <b>Application:</b><br>Sino Medical-Device<br>Liebel-Flarsheim<br>CT9000&CT9000ADV<br><br><b>Single Standard configuration:</b><br>1-200mlSyringe<br>1-1500mmConnecting Tube<br>1-Fill Tube<br><br><b>Double Standard configuration:</b><br>2-200mlSyringe<br>1-Connecting Tube<br>2-Fill Tube | <b>Application:</b><br>Sino Medical-Device<br>Technology Co., Ltd.<br>1.Sinopower-S<br>2.Sinopower-D<br><br><b>Single Standard configuration:</b><br>1-200mlSyringe<br>1-1500mmConnecting Tube<br>1-Fill Tube<br><br><b>Double Standard configuration:</b><br>2-200mlSyringe<br>1-Connecting Tube<br>2-Fill Tube |

## Syringes for DSA Injectors

|  |  |  |   |
|--|--|--|---|
|                             |                           |   |                                      |
| 150ml  | 125ml  | 150ml  | 130ml   |
| Product code: 7.20.01.0033   | Product code: 7.20.01.0068   | Product code: 7.20.01.0069   | Product code: 7.20.01.0070  |
| <b>Application:</b><br>Medrad<br>Mark V<br><br><b>Standard configuration:</b><br>1-150mlSyringe<br>1-Fill Tube | <b>Application:</b><br>Nemoto<br>120S<br><br><b>Standard configuration:</b><br>1-125mlSyringe<br>1-Fill Tube | <b>Application:</b><br>Liebel-flarsheim<br>Lilumena<br><br><b>Standard configuration:</b><br>1-150mlSyringe<br>1-Fill Tube | <b>Application:</b><br>Medrad<br>Mark III&MarkVI<br><br><b>Standard configuration:</b><br>1-130mlSyringe<br>1-Fill Tube |

## Syringes for MRI Injectors

|   |  |   |   |
|---|--|---|---|
|    |   |    |    |
| 65ml  | 65m/115ml  | 60ml  | 60ml  |
| Product code: 7.20.01.0071  | Product code: 7.20.01.0072   | Product code: 7.20.01.0032  | Product code: 7.20.01.0038  |
| <b>Application:</b><br>Sino Medical-Device<br>Technology Co., Ltd.<br><br>SinoMRI-A/AP<br>SinoMRI-B/BP<br><br><b>Standard configuration:</b><br>2-65mlSyringe<br>1-Connecting Tube<br>2-Fill Tube | <b>Application:</b><br>Medrad<br>Spectris&Solaris<br><b>Spectris Standard configuration:</b><br>2-65mlSyringe<br>1-Connecting Tube<br>2-Fill Tube<br><b>Solaris Standard configuration:</b><br>1-65mlSyringe<br>1-115mlSyringe<br>1-Connecting Tube<br>2-Fill Tube | <b>Application:</b><br>Liebel-flarsheim<br>Optostar LE,Elite<br><br><b>Standard configuration:</b><br>2-60mlSyringe<br>1-Connecting Tube<br>2-Fill Tube | <b>Application:</b><br>Nemoto<br>Sonic shot 50<br><br><b>Standard configuration:</b><br>2-60mlSyringe<br>1-Connecting Tube<br>1-Fill Tube |