



SP095-000尿素喷射器  
SP095-000 urea injector



SJ100A尿素计量泵  
SJ100A urea metering pump

### ■ 适用范围

尿素溶液计量泵采用嵌入式安装在尿素泵箱内部，除了与中国重汽集团的MC系列发动机产品配套外，也可向SCR系统集成生产商提供尿素溶液计量泵和尿素溶液喷射器。

### ■ 结构特点

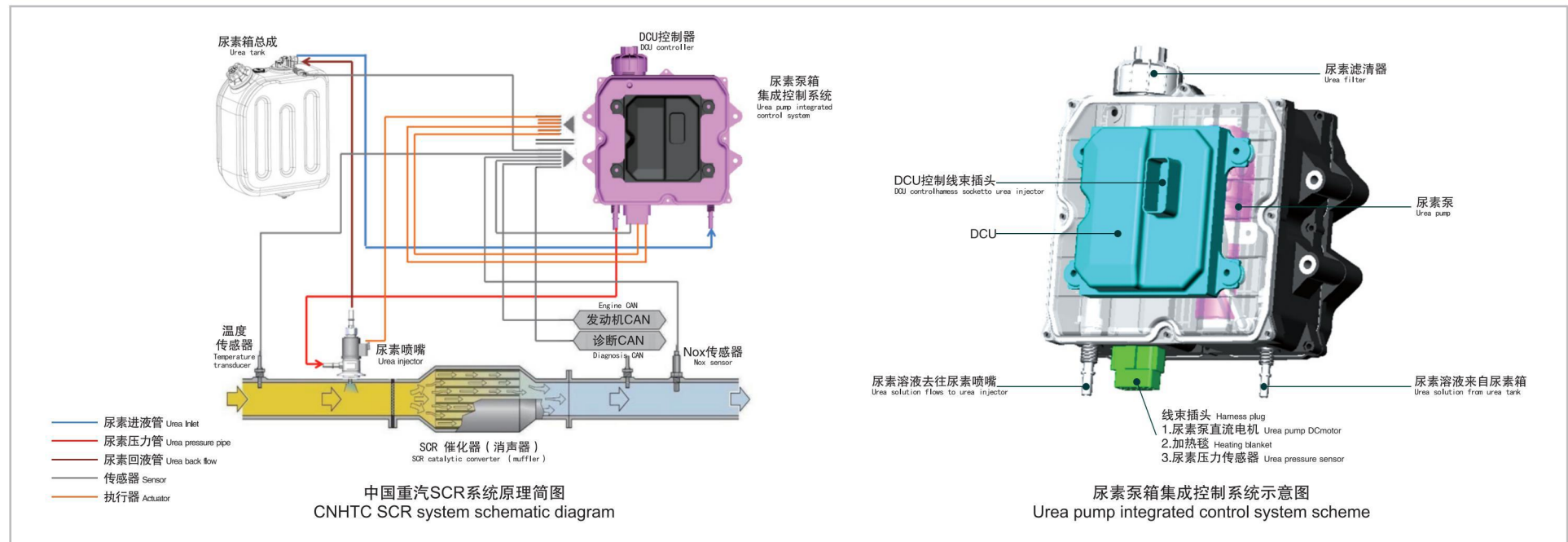
- a. 尿素溶液计量泵采用齿轮泵结构，直流电机驱动永磁传动套，利用磁力耦合间接驱动齿轮泵。以静密封取代动密封，达到尿素溶液绝对隔离的目的。
- b. 尿素溶液喷射器采用常闭式、单喷孔、针阀行程可调节结构。电磁阀控制针阀开启时间达到控制喷射量的目的。

### ■ APPLICATION

Urea-water-solution metering pump is embedded in the urea pump case. Besides used for CNHTC's MC series engine applications it can supply urea solution metering pump and injector to SCR integrated manufacturer.

### ■ STRUCTURAL CHARACTERISTICS

- a. Urea-solution metering pump adopts gear pump structure, with DC motor driving the permanent magnetic drive shaft sleeve, magnetic coupling driving the gear pump indirectly, and its static sealing in place of dynamic sealing to have urea-water solution absolute isolated.
- b. Urea-solution injector adopts the structure of normally closed, single injection hole and adjustable needle lift, through solenoid controlling the open time of needle to control the injection amount.



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