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Shimadzu CTO-10 Avp Column Oven

CTO-10ASVP
Column Oven

Thermal isolation of the column and other system peripherals is critical for accurate, precise and validated HPLC analyses. The Shimadzu CTO-10Avp, CTO-10ACvp and CTO-10ASvp full-featured column ovens provide precise temperature control for stable analytical results.

- **Precision temperature control at sub-ambient temperature**
(CTO-10ACvp and CTO-10ASvp)
The Peltier cooler quickly cools the oven to sub-ambient temperatures. You can perform analysis at a stable temperature no matter how unstable the surrounding environment of your lab. Delicate separations, once difficult to perform at sub-ambient temperatures, are now easily handled.
- **Large capacity oven compartment**
(CTO-10Avp and CTO-10ACvp)
In addition to the column, the CTO-10Avp and CTO-10ACvp can accommodate manual injectors, gradient mixer, reaction coils, flow-channel selection valves, conductivity detector cell block or electrochemical detector cell block. When these components are maintained at constant temperature, greater accuracy and repeatability are achieved.
- **GLP/GMP compliance**
Built-in validation support functions help you comply with GLP/GMP regulations. A record of each module's operation is preserved and can be reviewed on-screen or printed.
- **Safety-conscious design**

A feedback mechanism prevents abnormal temperature increase. A solvent leak sensor and leakproof liquid containment construction are additional safety features.