

CT 72 Thermostat Series - Transparent Thermostats conforming to Standards



CT 72/4

CT 72

As their predecessor CT 52 the new transparent thermostats CT 72/P, CT 72/2, CT 72/2-TT and CT 72/4 meet DIN 51 562 (part 1), ASTM D 445 and ISO 3105 standards.

The SI Analytics transparent thermostats are particularly designed for the determination of the viscosity of newtonian liquids in glass capillary viscometers. They may be adapted for manual as well as for automatic measurements. The new models offer the core features of the CT 52 series incorporating the new improved immersion thermostats.



CT 72/2



Bright display shows ongoing process, at any time.

- ▶ CT 72/2 and CT 72/4 can be used up to 150 °C. High temperature version is standard.
- ▶ Draining valve comes with CT 72/2, CT 72/2-TT and CT 72/4.

Advantages
baths

- ▶ Programmable set temperatures through integrated clock with controller.
- ▶ Display of the momentary and the set temperature.
- ▶ Increased safety from separate operation and temperature safety sensors.
- ▶ Over-temperature safety system on front panel.
- ▶ Automatic fuses on the back panel.
- ▶ Output of data formats via RS232 connection.

New
immersion
thermostats

Transparent Thermostats conforming to Standards: The CT 72 series



Suitable temperature control liquids

Liquid	Alcohol	Water	Paraffine oil	Silicon oil
Temperature range	-40 °C to +10 °C	+5 °C to +80 °C	+40 °C to +150 °C	+80 °C to +150 °C

Technical data

	CT 72/P	CT 72/2-TT	CT 72/2	CT 72/4
Working temperature	+10 °C to +60 °C	-40 °C to +150 °C	+5 °C to +150 °C	+5 °C to +150 °C
Measuring positions for AVS	2	2	2	4
Measuring positions TC	2	2	2	4
Measuring positions micro TC	2	2	2	4
Temperature stability according DIN 58 966 at 25 °C	±0.01 K	±0.01 K	±0.01 K	±0.01 K
Size (W x H x D in mm)	355 x 370 x 250	355 x 370 x 250	355 x 370 x 250	605 x 370 x 250
Filling volume	18 l	15 l	15 l	27 l
Material	PMMA	St. steel & glass	St. steel & glass	St. steel & glass
Weight (empty)	~5 kg	~14 kg	~13.5 kg	~28 kg

At applications within normal temperature range (+5 °C up to approx. +40 °C) cooling will be necessary for maintaining temperature stability.

Ordering information

Type no.	Order no.	Description
CT 72/P, 230V	285418526	Immersion thermostat 230 V and thermostatic bath (acrylic glass container with two manual gauge slides), basic configuration for the attachment of one flow-through cooler.
CT 72/P, 115V	285418513	Immersion thermostat 115 V and thermostatic bath (acrylic glass container with two manual gauge slides), basic configuration for the attachment of one flow-through cooler.
CT 72/2, 230V	285418547	Immersion thermostat 230 V and thermostatic bath (stainless steel container with one manual gauge slide), basic configuration for the attachment of one flow-through cooler.
CT 72/2, 115V	285418532	Immersion thermostat 115 V and thermostatic bath (stainless steel container with one manual gauge slide), basic configuration for the attachment of one flow-through cooler.
CT 72/2-M, 230V	285418584	Immersion thermostat 230 V and thermostatic bath (stainless steel container with one manual gauge slide), equipped with two magnetic stirrer positions. Basic configuration for the attachment of one flow-through cooler.
CT 72/2-M, 115V	285418593	Immersion thermostat 115 V and thermostatic bath (stainless steel container with one manual gauge slide), equipped with two magnetic stirrer positions. Basic configuration for the attachment of one flow-through cooler.
CT 72/2-TT, 230V	285418615	Immersion thermostat 230 V and thermostatic bath (stainless steel container with one manual gauge slide), basic configuration for the attachment of one flow-through cooler.
CT 72/2-TT, 115V	285418607	Immersion thermostat 115 V and thermostatic bath (stainless steel container with one manual gauge slide), basic configuration for the attachment of one flow-through cooler.
CT 72/4, 230V	285418568	Immersion thermostat 230 V and thermostatic bath (stainless steel container with two manual gauge slides), basic configuration for the attachment of one flow-through cooler.
CT 72/4, 115V	285418554	Immersion thermostat 115 V and thermostatic bath (stainless steel container with two manual gauge slides), basic configuration for the attachment of one flow-through cooler.
CT 72/E, 230V	285418501	Immersion thermostat 230 V/50 Hz
CT 72/E, 115V	285418495	Immersion thermostat 115 V/60 Hz
More Accessories and spare parts		
CK 300, 230V	285414348	Flow through cooler, 230 V
CK 300, 115V	285414331	Flow through cooler, 115 V
CK 310, 230V	285414320	Flow through cooler, 230 V, stainless steel version
CK 310, 115V	285414310	Flow through cooler, 115 V, stainless steel version
VZ 5210	1007628	CT 72 retrofit set for CT 62-thermostatic bath, contains: Immersion thermostat CT72/E-230 V, adapter plate and cooling devices
VZ 5213	285420397	CT 72 retrofit set for CT 62-thermostatic bath, contains: Immersion thermostat CT72/E-115 V, adapter plate and cooling devices
VZ 5402	285415171	Manual gauge slide for transparent thermostats
VZ 5403	285420684	3-fold manual gauge slide for transparent thermostats
VZ 5404	285418573	Dust protection cover for transparent thermostat
VZ 5405	285418620	Transparent thermostatic bath backlight
VZ 7100	285421051	Control thermometer measuring range +19 to +21 °C
VZ 7101	285421068	Control thermometer measuring range +24 to +26 °C
VZ 7102	285421076	Control thermometers measuring range +29 to +31 °C
VZ 7103	285421084	Control thermometers measuring range +39 to +41 °C
VZ 7104	285421092	Control thermometers measuring range +99 to +101 °C
VZ 7105	285421105	Control thermometers measuring range +134 to +136 °C