

Load cells SAUTER CT Q1 · CT P1



Fig. shows optional accessory load corner SAUTER CE P4022



Fig. shows optional accessory load corner SAUTER CE P4022

**CT Q1**

Measuring cells made from stainless steel

STANDARD

- Accuracy in accordance with OIML R60 C3
- CE and RoHS compliant
- Dust and spray protection to IP68/IP69K (in accordance with EN 60529), welded to create a hermetic seal
- Stainless steel
- Area of application: Measuring mass as well as compressive force in harsh environments
- Suitable for platform scales, weigh hoppers, flush-mounted floor scales and other weighing devices
- 6-wire connection
- Nominal sensitivity: 2 mV/V
- Note: EX version on request

Model	Nominal load	
<b>SAUTER</b>	kg	
CT 300-3Q1	300	
CT 500-3Q1	500	
CT 750-3Q1	750	
CT 1000-3Q1	1000	
CT 1500-3Q1	1500	
CT 2000-3Q1	2000	
CT 3000-3Q1	3000	
CT 5000-3Q1	5000	
CT 7500-3Q1	7500	
CT 10000-3Q1	10000	

**CT P1**

Measuring cells made from stainless steel

























STANDARD

- Accuracy in accordance with OIML R60 C3
- CE and RoHS compliant
- Dust and spray protection to IP67 (in accordance with EN 60529), welded to create a hermetic seal
- Nickel-plated steel
- Area of application: Measuring mass as well as compressive force in harsh environments
- Suitable for platform scales, weigh hoppers, flush-mounted floor scales and other weighing devices
- 4-wire connection
- Nominal sensitivity: 3 mV/V
- Note: EX version, 6-wire connection and accuracy class C4 or C5 on request

Model	Nominal load	
<b>SAUTER</b>	kg	
CT 500-3P1	500	
CT 1000-3P1	1000	
CT 1500-3P1	1500	
CT 2500-3P1	2500	
CT 3000-3P1	3000	
CT 5000-3P1	5000	
CT 10000-3P1	10000	

! Note: Further details and plenty of further accessories see internet

## Pictograms

 <b>Adjusting program (CAL):</b> For quick setting of the instrument's accuracy. External adjusting weight required.	 <b>Control outputs (optocoupler, digital I/O):</b> to connect relays, signal lamps, valves, etc.	 <b>Battery operation:</b> Ready for battery operation. The battery type is specified for each device.
 <b>Calibration block:</b> standard for adjusting or correcting the measuring device.	 <b>Analogue interface:</b> to connect a suitable peripheral device for analogue processing of the measurements	 <b>Rechargeable battery pack:</b> rechargeable set.
 <b>Peak hold function:</b> capturing a peak value within a measuring process.	 <b>Statistics:</b> using the saved values, the device calculates statistical data, such as average value, standard deviation etc.	 <b>Mains adapter:</b> 230V/50Hz in standard version for EU. On request GB, AUS or USA version available.
 <b>Scan mode:</b> continuous capture and display of measurements.	 <b>PC Software:</b> to transfer the measurement data from the device to a PC.	 <b>Power supply:</b> Integrated, 230V/50Hz in EU. More standards e.g. GB, AUS or USA on request.
 <b>Push and Pull:</b> the measuring device can capture tension and compression forces.	 <b>Printer:</b> a printer can be connected to the device to print out the measurement data.	 <b>Motorised drive:</b> The mechanical movement is carried out by a electric motor.
 <b>Length measurement:</b> captures the geometric dimensions of a test object or the movement during a test process.	 <b>GLP/ISO record keeping:</b> of measurement data with date, time and serial number. Only with SAUTER printers	 <b>Motorised drive:</b> The mechanical movement is carried out by a synchronous motor (stepper).
 <b>Focus function:</b> increases the measuring accuracy of a device within a defined measuring range.	 <b>Measuring units:</b> Weighing units can be switched to e.g. non-metric at the touch of a key. Please refer to website for more details.	 <b>Fast-Move:</b> the total length of travel can be covered by a single lever movement.
 <b>Internal memory:</b> to save measurements in the device memory.	 <b>Measuring with tolerance range (limit-setting function):</b> Upper and lower limiting can be programmed individually. The process is supported by an audible or visual signal, see the relevant model	 <b>DAkkS calibration possible:</b> The time required for DAkkS calibration is shown in days in the pictogram.
 <b>Data interface RS-232:</b> bidirectional, for connection of printer and PC.	 <b>Measuring units:</b> Weighing units can be switched to e.g. non-metric at the touch of a key. Please refer to website for more details.	 <b>Factory calibration:</b> The time required for factory calibration is specified in the pictogram.
 <b>Data interface USB:</b> To connect the measuring instrument to a printer, PC or other peripheral devices.	 <b>ZERO:</b> Resets the display to "0".	 <b>Package shipment:</b> The time required for internal shipping preparations is shown in days in the pictogram.
 <b>Data interface Infrared:</b> To transfer data from the measuring instrument to a printer, PC or other peripheral devices.	 <b>ZERO:</b> Resets the display to "0".	 <b>Pallet shipment:</b> The time required for internal shipping preparations is shown in days in the pictogram.

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