PROFESSIONAL MEASURING
SINCE 1844

KERN

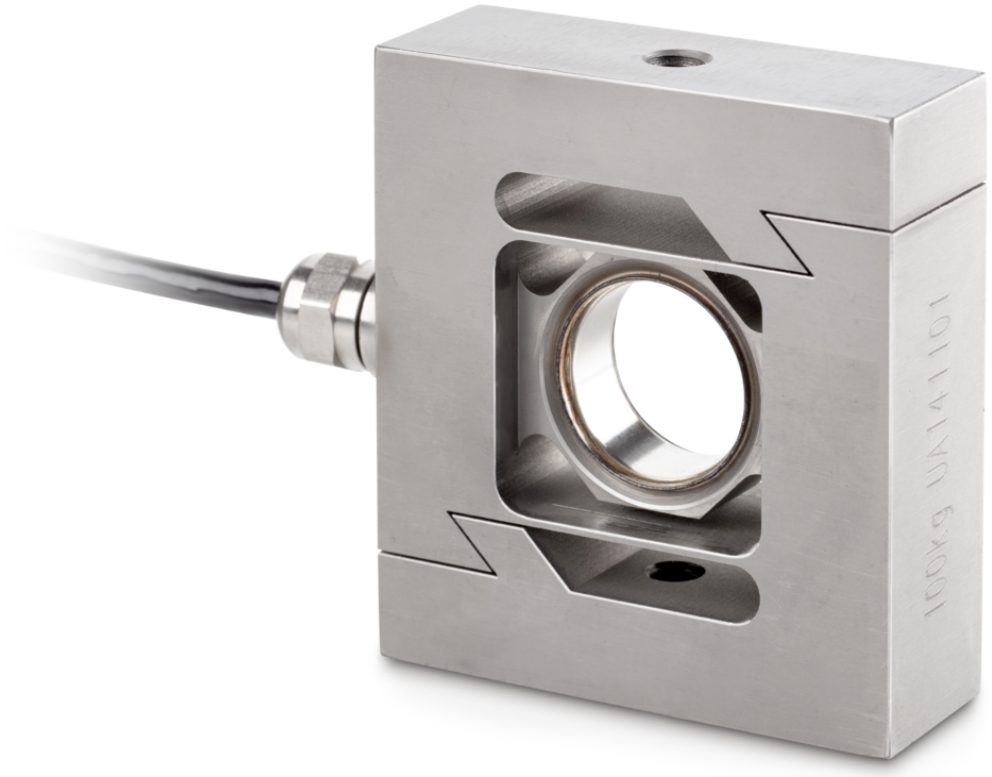
Product brochure

30.10.2026

SAUTER CS 50-3P2

"S"-Load/force measuring cell made from stainless steel

ENGLISH



CONTACT

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FEATURES

- Area of application: Measuring mass as well as compressive force
- Suitable for hanging scales, silo scales, force test stands and various other balances

PICTOGRAMS

Standard



Option



MODEL OVERVIEW

Model	Weighing capacity [Max]	Measuring range [Max]
CS 50-3P2	50 kg	500 N
CS 100-3P2	100 kg	1 kN
CS 250-3P2	250 kg	2,5 kN
CS 500-3P2	500 kg	5 kN
CS 2000-3P2	2000 kg	20 kN
CS 5000-3P2	5000 kg	50 kN
CS 7500-3P2	7500 kg	75 kN

ACCESSORIES

Model	Description
CE RR8	Rod end CE RR8
CJ P2	Junctionbox CJ P2, Number of connection options: 2, aluminium,
CJ P4	Junctionbox CJ P4, Number of connection options: 4, aluminium, IP65
CJ P4PG	Junctionbox CJ P4PG, Number of connection options: 4, aluminium,

Model	Description
CJ X467	Junctionbox CJ X467, Number of connection options: 4, stainless steel,
CJ X468	Junctionbox CJ X468, Number of connection options: 4, aluminium,
FS 402	Connector for FS measuring cell mounted & adjusted to 500 N FS 402
FS TKZ	Transport case FS TKZ
YKV-01	Digital weighing transmitter YKV-01

SERVICES

Model	Description
963-161	DAkkS calibration certificate 963-161 (force direction tension | measurement result unit N | calibration standard DKD-R 3-3 - sequence A)
963-161IV	DAkkS calibration certificate 963-161IV (force direction tension | measurement result unit mV/V | calibration standard ISO 376)
963-161V	DAkkS calibration certificate 963-161V (force direction tension | measurement result unit mV/V | calibration standard DKD-R 3-3 - sequence A)
963-261	DAkkS calibration certificate 963-261 (force direction compression | measurement result unit N | calibration standard DKD-R 3-3 - sequence A)
963-261IV	DAkkS calibration certificate 963-261IV (force direction compression | measurement result unit mV/V | calibration standard ISO 376)
963-261V	DAkkS calibration certificate 963-261V (force direction compression | measurement result unit mV/V | calibration standard DKD-R 3-3 - sequence A)
963-361	DAkkS calibration certificate 963-361 (force direction tension, compression | measurement result unit N | calibration standard DKD-R 3-3 - sequence A)
963-361IV	DAkkS calibration certificate 963-361IV (force direction tension, compression | measurement result unit mV/V | calibration standard ISO 376)
963-361V	DAkkS calibration certificate 963-361V (force direction tension, compression | measurement result unit mV/V | calibration standard DKD-R 3-3 - sequence A)
970-016	Warranty extension (+3 years) 970-016

KERN Pictogram Overview

	Protection against dust and water splashes IP68
	Package shipment by courier service: The duration of internal product provision is one day
	Factory calibration (ISO): Factory calibration takes 4 working days
	Accredited calibration (DKD): The duration of the accredited calibration is 3 working days