PROFESSIONAL MEASURING
SINCE 1844

KERN

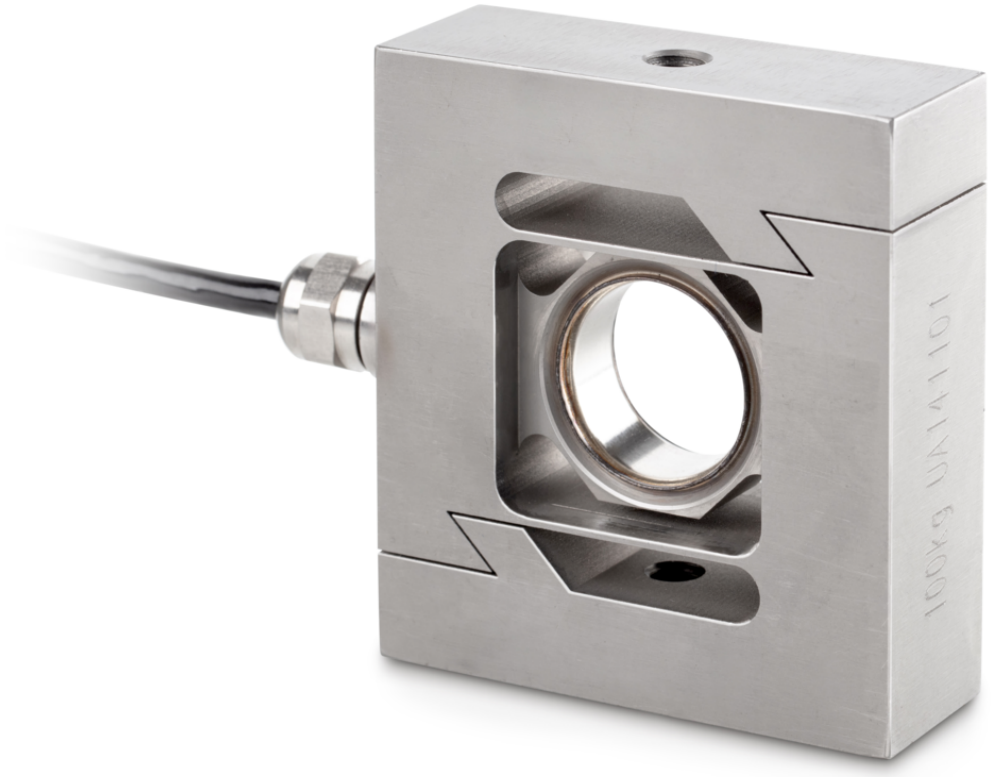
Product brochure

30.10.2026

SAUTER CS 250-3P2

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

ENGLISH



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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
AFH 05	Stainless steel handle with plastic coating AFH 05
AFM 16	Adapter AFM 16 (External thread M12 | Threaded hole M10)
AFM 17	Adapter AFM 17 (External thread M12 | External thread M10)
AFM 18	Adapter AFM 18 (External thread M12 | External thread M10)

Model	Description
AFM 19	Adapter AFM 19 (External thread M12 | Threaded hole M18 × 1,5)
AFM 21	Threaded pin AFM 21
CE RR12	Rod end CE RR12
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,
CJ X467	Junctionbox CJ X467, Number of connection options: 4, stainless steel,
CJ X468	Junctionbox CJ X468, Number of connection options: 4, aluminium,
FS 404	Connector for FS measuring cell mounted & adjusted to 5 kN FS 404
FS TKZ	Transport case FS TKZ
YKV-01	Digital weighing transmitter YKV-01

SERVICES

Model	Description
963-163	DAkkS calibration certificate 963-163 (force direction tension | measurement result unit N | calibration standard DKD-R 3-3 - sequence A)
963-163IV	DAkkS calibration certificate 963-163IV (force direction tension | measurement result unit mV/V | calibration standard ISO 376)
963-163V	DAkkS calibration certificate 963-163V (force direction tension | measurement result unit mV/V | calibration standard DKD-R 3-3 - sequence A)
963-263	DAkkS calibration certificate 963-263 (force direction compression | measurement result unit N | calibration standard DKD-R 3-3 - sequence A)
963-263IV	DAkkS calibration certificate 963-263IV (force direction compression | measurement result unit mV/V | calibration standard ISO 376)
963-263V	DAkkS calibration certificate 963-263V (force direction compression | measurement result unit mV/V | calibration standard DKD-R 3-3 - sequence A)
963-363	DAkkS calibration certificate 963-363 (force direction tension, compression | measurement result unit N | calibration standard DKD-R 3-3 - sequence A)
963-363IV	DAkkS calibration certificate 963-363IV (force direction tension, compression | measurement result unit mV/V | calibration standard ISO 376)
963-363V	DAkkS calibration certificate 963-363V (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