PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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SAUTER CO 1-Y5

Tension and compression force measuring cell made from stainless steel

ENGLISH



CONTACT

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FEATURES

- Very low design
- Suitable for test stands, force gauges, automation systems, etc.

MAIN SCOPE OF APPLICATIONS

- Research and development
- Mechanical engineering and testing technology
- Automotive and supplier industry
- Medical technology and biomechanics
- Calibration technology and test equipment manufacturing

PICTOGRAMS

Standard



Option



MODEL OVERVIEW

Model	Weighing capacity [Max]	Measuring range [Max]
CO 1-Y5	1 kg	10 N
CO 5-Y5	5 kg	50 N
CO 10-Y5	10 kg	100 N
CO 0.5-Y5	500 g	5 N

ACCESSORIES

Model	Description
FS 402	Connector for FS measuring cell mounted & adjusted to 500 N FS 402
FS TKZ	Transport case FS TKZ

SERVICES

Model	Description
961-161	Factory calibration certificate 961-161 (tension | N)

Model	Description
961-261	Factory calibration certificate 961-261 (compression | N)
961-361	Factory calibration certificate 961-361 (tension, compression | N)
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)
965-411	Assembly of components 965-411 (< 50kg)
970-016	Warranty extension (+3 years) 970-016

KERN Pictogram Overview

	Protection against dust and water splashes IP66
	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