

PRODUCT BROCHURE

KERN CW 3000

Date: 29.04.2025

ENGLISH



Scale kit with build-type approval for individual assembly of floor scales – suitable for use in harsh industrial environments with humid environmental conditions

CONTACT

KERN & SOHN GmbH
Ziegelei 1
72336 Balingen
Germany

Phone : +49 7433 9933-0
Fax : +49 7433 9933-149
Email : info@kern-sohn.com
Web : www.kern-sohn.com



Scan here for more
information

DESCRIPTION

- With SAUTER scale kits, individual weighing solutions can be put together, for example, individual balance manufacturing in industry, automotive manufacturing and agriculture. In this way, a wide range requirements in terms of dimensions, materials, combinations of peripheral devices etc. can be fulfilled. Especially suitable for the manufacture of platform scales, weigh hoppers, silo scales, flush-mounted floor scales and other weighing devices. Area of use: Measuring mass as well as compressive force in harsh environments
- Details for weighing cells (4 × SAUTER CT 1000-3P2):
 - Accuracy in accordance with OIML R60 C3
 - CE and RoHS compliant
 - Protection against dust and water splashes IP67 (in accordance with EN 60529)
 - Nickel-plated steel
 - Nominal sensitivity: 3 mV/V
 - 4-wire connection
- Junctionbox SAUTER CJ P4PG:
 - The robust aluminium diecast housing
 - Protection against dust and water splashes IP65
- Note: Use the SAUTER CW in combination with one of our display devices, for example, KFS-TM, YKV, CE HS

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	CW 3000
Model-Serie	CW
Assortment	KERN
Product Type	Industrial balance
Product group	Platform scales
Product usage type	Main article
EAN code (Model)	4045761256484
Customs tariff number	84231090

Technical data - Primary

Weighing capacity	3000 kg
-------------------	---------

Net weight 5.8 kg

Technical data - Construction

IP protection load cell	IP67
-------------------------	------

Technical data - Measuring system

Weighing system	Strain gauge
load cell connection	6-Leiter

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	520×430×340 mm
Gross weight	7 kg
Net weight	6 kg

Shipping method	Parcel service
Packaging component - by weight - cardboard	400 g
Delivery time	1 d

Technical data - Verification

Verification class	III
--------------------	-----

FUNCTIONS

Standard



ACCESSORIES

Model	Description
YKV-01	IoT-Line Digital Weighing Transmitter KERN YKV-01
CJ P2	Junction Box SAUTER CJ P2
CE P3012	Gap for shear beam loadcell CE P3012
CE P2012	Adjustable Foot SAUTER CE P2012
CE P4022	Load corner SAUTER CE P4022
CJ P4PG	Junction Box SAUTER CJ P4PG
CJ P4	Junction Box SAUTER CJ P4
CE WT4-Y1	Analogue Weighing Transmitter SAUTER CE WT4-Y1

SERVICES

Model	Description
969-517	Confirmation of the manufacturer's specification (only in combination with DAkKS calibration certificate)969-517
970-101	Warranty extension KERN (+2 years) 970-101

RELATED ARTICLES DATA

Model name	Weighing capacity	Net weight
CW 750	750 kg	5.7 kg

Model name	Weighing capacity	Net weight
CW 300	300 kg	5.6 kg
CW 3000	3000 kg	5.8 kg
CW 1500	1500 kg	5.8 kg
CW 15000	15000 kg	11.4 kg
CW 4500	4500 kg	6.3 kg
CW 7500	7500 kg	13.1 kg
CW 9000	9000 kg	11.3 kg