



### Accessories & Software

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#### Balance Connection KERN SCD-3.0 For the direct transfer of weighing data in Windows applications

- Transfer via RS 232 to the PC, e.g. in MS Excel
- Transfer at the touch of a key or on a time-controlled basis
- Date and time can be given at any time
- The appropriate interface cable is available separately, see table on page 88

#### Benefits

- Typing errors during manual transfer, for example, are avoided
- Soft-ware in accordance with laboratory GLP

#### Weighing table

Accurate measuring results require stable working conditions!

The KERN weighing table YPS has been constructed to absorb vibrations and oscillations, which would otherwise distort the weighing result.

Overall dimensions  
WxDxH 800x600x782 mm

Dimensions of work surface  
WxD 400x450 mm

Total weight: 88 kg  
KERN YPS-01

The YPS-01 weighing table consists of:

- Marble plate (48 kg) as integrated working surface, positioned on absorbing rubber components
- Work table with steel frame and height-adjustable feet



#### BalanceCal KERN SBD-3.0

##### Calibration software for electronic balances

Checking balances for their accuracy is within the scope of the control of measuring equipment in accordance with ISO 9000ff or GLP. BalanceCal leads you with the support of the computer through the test and prepares a test record.

**Test scope:** Reproducibility (= standard deviation), accuracy (= linearity), eccentric loading (= corner load). Input and checking of tolerances

**Data input:** enter weight values either by hand into the PC or automatic transfer via RS 232 C data interface.

**Test record:** is prepared in accordance with ISO. Older calibrations can be called up for retracing purposes.

**Integrated database:** for the safekeeping of the metrological data of all test weights used.

**Documentation/recalibration:** the test record contains all of the data, which are subject to an archiving obligation. It is possible to activate the recalibration date for PC archiving.

**Who carries out the tests?** Any specialist who is conversant with balances and the control of measuring equipment, on condition that test weights are used which have been calibrated by an authorized authority (e.g. DKD) and as a result are retraceable.

**Scope of supplies:** BalanceCal software on a storage medium, manual with test instruction (supplied without interface cable, see page 88)



#### BalanceCal Light KERN SBD-1.0L

As BalanceCal SBD-3.0, but with only one test weight for regular short tests in accordance with ISO/GLP.

#### Accessories

##### Weighing scoops

KERN No.	Material	Dimensions
902-06	Aluminium	70 x 30 mm
902-08	Aluminium	90 x 30 mm
902-10	Aluminium	105 x 30 mm

**Tweezers** for gripping test weights (\*with coated tips),

Length 105 mm, stainless steel  
KERN 315-243\*

Length 100 mm, plastic

KERN 315-242

Length 100 mm, stainless steel

KERN 335-240

Length 250 mm, stainless steel  
KERN 315-245\*

**Glove**, cotton KERN 317-280

**Dust brush**

KERN 318-270

**Tare pan** made of stainless steel, polished, Ø 290 mm, height 45 mm, weigh approx. 300 g,

KERN CH-A01

**Plummet** for density determination of liquids. Made of glass,

hanging on a platinum wire. Volume 10 cm<sup>3</sup>,

weight 30 g, length 169 mm, verifiable,

KERN 152-532

**Board for suspended weighing**, made of aluminium, with adjustable lower plate, 4 foot screws, WxDxH 350x290x370 mm,

KERN 904-101

◀ Verification,  
KERN 950-272

#### Ethernet option ... the easy LAN connection

Allows you to connect the scale to an Ethernet network

The IP address, subnet mask and gateway are assigned to the scale manually. DHCP server are not supported.

IMPORTANT: To connect to your network, you need information and support from your network administrator.

Discuss the integration of the scale with your network administrator prior to placing your order .

For models ITB/ITS/ITT: KMB-A01

For models FTB/FTC: FTB-A09

#### Second display

**Ideal for training or for demonstration purposes in laboratories or in industry**

Large backlit LCD display digit height 25 mm. Two additional RS 232 data

interfaces. Interface cable to the scale, length approx. 1.5 m as well as mains adapter, standard.

Dimensions WxDxH 200x100x55 mm. Suitable for models 440, CB, CDE, CME, DE, FCB, FKB...A, NDE, PCB,

KERN YKD-A01 (Factory option)



### KERN - Your DKD-Calibration Partner

issues DKD calibration certificates for balances and test weights in its own accredited laboratories. It is internationally valid.

KERN is a manufacturer of test weights in the international classes of accuracy

E1, E2, F1, F2, M1, M2, M3, from 1 mg up to 2000 kg

DKD = German Calibration Service



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Contact Us:

Irl Ph: 01 4523432

UK Ph: 08452 30 40 30

Web: www.carlstuart.com

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