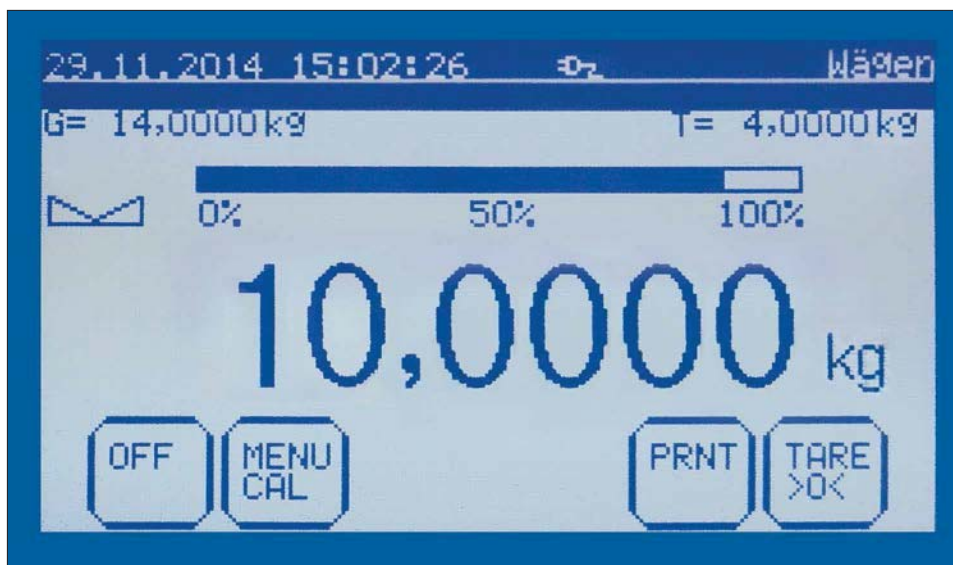




Touchscreen platform scale with enormous range of functions, available also with EC type approval [M]



Display at full size, operating mode weighing

• **Innovative touchscreen:** High-contrast, backlit and touch-sensitive display for easy operation and convenient reading

• **Advantages:**

- The menu and processes are self-explanatory
- No more errors or lost time through keys which have several functions assigned to them or unclear markings
- Large keys, which can also be operated when wearing gloves
- More efficient, rapid operation



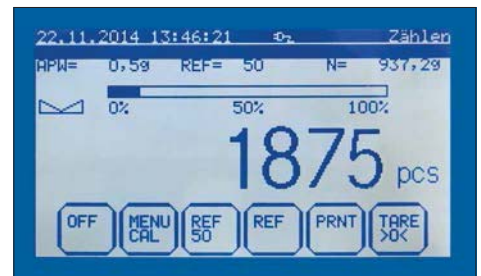
Easy entering of text and values

e.g. up to 80 item descriptions, user name, weights of tare containers, etc. using large keypad



80 memories for each mode

(IKT-M: 40) e.g. for checkweighing, PRE-TARE, reference weight, target weight for dispensing etc.



Professional counting function

All relevant counting information at a glance, such as, e.g. reference weight, reference quantity, total count, total weight, tare container weight, available weighing range and much more

Industrial platform scale KERN IKT

Features

- **Convenient recipe weighing:** 99 recipes each with 10 components can be stored in plain text (IKT-M: 5 recipes each with 7 components). If there is an excess amount of one ingredient the practical back calculation function automatically calculates the new target weights of the other ingredients. The actual and target values and the proportional percentage can then be printed
- **Multiplier function:** recipes where the ingredients have been recorded as percentages can easily be multiplied when entering the new target weight, which is ideal for the production of larger containers, bulk packs etc.
- **Rapid function** for shortened stabilisation time with reduced resolution
- **Control outputs (optocoupler, digital I/O)** to connect relays, signal lamps, valves etc. (35 V / 80 mA)

Technical data

- Backlit LCD graphic display with digit height 18 mm, screen diagonal 5.8" (approx. 147 mm, WxH 108x74 mm)
- Weighing plate dimensions, stainless steel, WxDxH
 - 228x228x70 mm, ■ 318x308x75 mm
 - 450x350x115 mm, see enlarged picture
 - 650x500x142 mm

- Dimensions of display device WxDxH 200x155x68 mm
- Cable length of display device for weighing plate size
 - approx. 1 m ■, ■ approx. 2 m
 - approx. 0,6 m
- Permissible ambient temperature 10 °C / 40 °C

Accessories

- **Protective working cover** over the display device standard, KERN IKT-A01, **€ 25,-**
- **Rechargeable battery pack external**, operating time up to 20 h without backlight, charging time approx. 10 h, can be retrofitted, not for IKT-M, KERN KS-A01, **€ 180,-**
- **Signal lamp** for visual support of weighing with tolerance range, KERN IKT-A04, **€ 250,-**
- **RS-232/Ethernet adapter**, to connect balances with an RS-232 interface to a network, via Ethernet, for details see page 158, KERN YKI-01, **€ 390,-**
- **Set for underfloor weighing**, consisting of platform, handle and hook, only for models with weighing plate size ■, KERN DS-A01, **€ 200,-**
- **Stand** to elevate display device, height of stand approx. 480 mm, only for models with weighing plate size ■, ■, KERN IKT-A06, **€ 100,-**
- **Wall mount** for display device, KERN IKT-A03, **€ 35,-**
- **Suitable printers** de page 157 ff.

Modes

- ① Weighing
- ② Counting
- ③ Dispensing
- ④ Recipe weighing
- ⑤ Checkweighing
- ⑥ Totalising with daily total
- ⑦ Percentage determination
- ⑧ Animal weighing
- ⑨ Surface weight
- ⑩ Density determination, only with ■, not for ■
- ⑪ Rapid function, not for ■

Functions

- Capacity display, with ① - ②, ⑤ - ⑦, ⑨ - ⑪
- Dispensing aid (-/+), with ③, ④
- Net/gross display, permanent with ①, ③ - ⑤, ⑧ - ⑩
- Variable reference quantity, with ②
- Automatic reference optimisation, with ②
- PRE-TARE numerical or from the memory unit, with ① - ⑦, ⑩
- Input of item or batch description, operator etc., with ① - ⑦, ⑩
- Freely programmable weighing unit, e.g. display direct in special units such as length of thread g/m, grammage g/m², or similar, with ⑨
- Date/time, with ① - ⑩
- Statistical function, with ①
- GLP printout, with ① - ⑩
- Individual formatting of up to 16 printer forms, recipes, operating mode master data in MS Excel, import using RS-232, for examples, see the internet, with ① - ⑩

STANDARD



OPTION



FACTORY



Model	Weighing range [Max] kg	Readout [d] g	Verification value [e] g	Minimum load [Min] g	Min. piece weight [Counting] g/piece	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options			
									Verification		DAkKS Calibr. Certificate	
									■ KERN	€	DAkKS KERN	€
IKT 6K0.1	6	0,1	-	-	0,1	7,5	■	830,-	-	-	963-128	88,-
IKT 12K0.2	12	0,2	-	-	0,2	7,5	■	830,-	-	-	963-128	88,-
IKT 30K0.5	30	0,5	-	-	0,5	7,5	■	830,-	-	-	963-128	88,-
IKT 60K1L	60	1	-	-	1	9,5	■	1050,-	-	-	963-129	105,-
IKT 120K2L	120	2	-	-	2	9,5	■	1050,-	-	-	963-129	105,-
IKT 150K2XL	150	2	-	-	2	20	■	1200,-	-	-	963-129	105,-
IKT 300K5XL	300	5	-	-	5	20	■	1200,-	-	-	963-129	105,-
High resolution readout												
IKT 3K0.01S	3	0,01	-	-	0,01	5,1	■	920,-	-	-	963-127	72,-
IKT 8K0.05	8	0,05	-	-	0,05	7,5	■	850,-	-	-	963-128	88,-
IKT 10K0.1S	10	0,1	-	-	0,1	5,1	■	850,-	-	-	963-128	88,-
IKT 16K0.1	16	0,1	-	-	0,1	7,5	■	850,-	-	-	963-128	88,-
IKT 30K0.1	30	0,1	-	-	0,1	7,5	■	850,-	-	-	963-128	88,-
IKT 30K0.1L	30	0,1	-	-	0,1	9,5	■	1150,-	-	-	963-128	88,-
IKT 36K0.2	36	0,2	-	-	0,2	7,5	■	850,-	-	-	963-128	88,-
IKT 36K0.2L	36	0,2	-	-	0,2	9,5	■	1050,-	-	-	963-128	88,-
IKT 60K0.2L	60	0,2	-	-	0,2	9,5	■	1120,-	-	-	963-129	105,-
IKT 65K0.5L	65	0,5	-	-	0,5	9,5	■	1050,-	-	-	963-129	105,-
IKT 100K0.5L	100	0,5	-	-	0,5	9,5	■	1150,-	-	-	963-129	105,-
IKT 150K1L	150	1	-	-	1	9,5	■	1150,-	-	-	963-129	105,-
Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.												
IKT 6K1M	6	1	1	20	1	7,5	■	990,-	950-128	55,-	963-128	88,-
IKT 12K2M	12	2	2	40	2	7,5	■	990,-	950-128	55,-	963-128	88,-
IKT 30K5M	30	5	5	100	5	7,5	■	1010,-	950-128	55,-	963-128	88,-
IKT 60K10LM	60	10	10	200	10	9,5	■	1250,-	950-129	93,-	963-129	105,-
IKT 120K20LM	120	20	20	400	20	9,5	■	1250,-	950-129	93,-	963-129	105,-