

TKL/TKR CRANE WEIGHERS

Crane weighers

Measuring range: 0 - 12 tonne

The Tigrip crane weighers, TKL and TKR, are compact measuring devices for the weighing of loads. The TKL model is the standard digital display unit and the TKR model comes complete with a radio remote control.

Use appropriate attachments like grade 8 forgings between the hook of the hoist or crane, the crane weigher, and the load. They are very simple and straight forward to use!

The crane weighers have a liquid crystal display (LCD), which can tare as well as show either the gross or the net load. It also indicates overload at 110% of the rated capacity and the status of the battery.

Model: TKL (WITHOUT remote control)

Features and benefits include:

- ✓ High accuracy.
- ✓ Lightweight design.
- ✓ Easy-to-read display.
- ✓ Easy to use.
- ✓ Robust design.
- ✓ Housing can be rotated 180°
- ✓ Retains the peak value to memory.
- ✓ The battery capacity provides for around 200 operating hours.
- ✓ Automatic setting to zero when crane weigher is switched on.
- ✓ Use of rechargeable batteries possible (external battery charger*).
- ✓ Display of maximum weight (gross/net).
- ✓ Display of measuring units at the load indicator.
- ✓ Measuring units: kg, tonnes, lbs, and kN.
- ✓ Automatic stand-by for a prolonged battery lifetime.
- ✓ Simple change of batteries.
- ✓ Warning, if batteries are low.
- ✓ Overload warning.

Included in delivery of TKL:

- ✓ Crane weigher.
- ✓ 4 x 1.5 V AA batteries.
- ✓ Test certificate.



Model: TKR (WITH remote control)

The TKR crane weigher can be operated by radio control. The displayed values can be taken off the remote control device and can be easily transferred to a PC. The system can be combined with an easy-to-read display. Several measured values can be totalled and saved.

TKR has the same features as the TKL model plus:

- ✓ Remote control and data exchange via radio transmission.
- ✓ USB interface.
- ✓ Accumulation memory .

Included in delivery of TKR:

- ✓ Crane weigher.
- ✓ Remote control with display.
- ✓ 7 x 1.5 V AA batteries.
- ✓ Test certificate.
- ✓ PC cable.
- ✓ User software.
- ✓ Carrying case.



TKL/TKR CRANE WEIGHERS

TECHNICAL DATA / PRICES

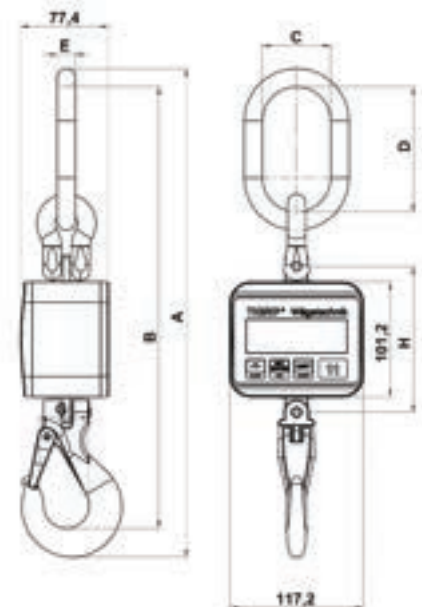
Model	Article number	Measuring range tonne	Nominal load tonne	Limit load tonne	Braking load tonne	Complete unit weight kg	Accuracy of the end value %	Resolution step (partition) kg
TKL 1.0	N53908446	0 - 1.0	1	1.1	>4	3	0.1	0.5
TKL 2.0	N53908448	0 - 2.0	2	2.2	>8	3.5	0.1	1
TKL 3.2	N53908451	0 - 3.2	3.2	3.5	>13	6	0.1	1
TKR 5.0	N53908454	0 - 5.0	5	5.5	>20	7.5	0.1	1
TKR 8.0	N53908456	0 - 8.0	8	8.8	>32	10.5	0.1	2
TKR 12.0	N53908458	0 - 12.0	12	13.2	>48	20	0.1	5

Technical data on TKL and TKR:

- Operation time, approximately 200 hours with 4 x 1.5V AA batteries.
- Temperature range when in operation -10°C to +50°C.
- Temperature range when in storage -20°C to +70°C.
- IP 54 protection.
- 20.5mm high LCD display (4.5 digits).
- Tare range is 100% of rated capacity.
- Overload warning at 110% of the rated capacity.

DIMENSIONS

Model	TKL 1.0	TKL 2.0	TKL 3.2	- TKR 5.0	- TKR 8.0	TKR12.0
A, mm	389	417	488	571	657	804
B, mm	356	379	441	514	588	709
C, mm	60	60	75	90	100	140
D, mm	110	110	125	160	180	260
E, mm	13	16	18	22	26	35
F, mm	20	25	32	40	49	45
G, mm	70	81	103	126	152	190
H, mm	128	136	140	148	158	176
J, mm	77.4	77.4	84.4	84.4	97.4	97.4



- ! These units are supplied with replaceable AA batteries.
- ! As an option you may replace these for re-chargeable type.
- The design allows for easy calibration and maintenance.