

WIRELESS ALUMINIUM TENSION CELL KITS 103TWK & 103TB

The properties of aluminium make it ideal for wireless transmission of load signals, especially useful where connection cables are not practical or where portability is required.

Using 103T Series load cell body and adding either a T24 or B24 wireless transmitter converts the tension cell into a wireless load measuring device capable of pairing with a range of digital hand held indicators, computers, USB receivers, alarm relays, output modules and displays.

The wireless aluminium cells are also as kits, which include a load cell with integral transmitter, hand held readout, battery charger and carry case with foam cut outs.

The T24 industrial wireless versions can read load information up to 800m from the load cell. To increase battery life, the wireless indicator (or USB device) can turn the load cell on, the cell can also be set up to turn itself off- automatically after a preconfigured time.

The economical Bluetooth B24 versions can read up to 80m (device dependent) and can connect to Windows, iOS or Android devices.

Multiple units can be used in the same location without interference. A single receiver has the capability of connecting with up to 20 wireless load cell transmitters to display, log, print and store readings.



MODEL No	CASE MODEL	L (mm)	W (mm)	D (mm)	KIT (kg)
103TWK-6.5	350 CC-M	305	228	115	5
103TWK-12	350 CC-M	305	228	115	7
103TWK-17	350 CC-M	305	228	115	8
103TWK-25	350 CC-M	305	228	115	11
103TWK-35	350 CC-L	515	365	190	15
103TWK-55	350 CC-XL	860	560	355	21
103TWK-85*	350 CC-XL	860	560	355	45
103TWK-120*	350 CC-XL	860	560	355	60
103TWK-150*	350 CC-XL	860	560	355	65
103TWK-200*	350 CC-XXL	On Request	On Request	On Request	On Request
103TWK-250*	350 CC-XXL	On Request	On Request	On Request	On Request

* Excludes carry case, can be supplied as an option

Accuracy

Better than 0.1% of range

Thermal

+/-0.005% / °C on zero shift

Overload

150% (no damage).
500% (ultimate)

Temperature

10°C to +60°C (compensated) -10°C to +80°C (operating)
Also available as cabled versions with mating cabled handset

Output

Wireless

OUR PROMISE

Delphi Measurement designs products suited to harsh environments that provide many years of reliable service. Our strength lies in the fact that we routinely customise solutions for our clients.

This experience enables Delphi to consistently deliver bespoke products in short manufacturing lead times. Our team works with customers around the world providing simple cost effective solutions for many force measurement applications in lifting, mining, manufacturing, marine, oil and gas, food and many other industries.

If you are looking for uncompromised quality, flexibility, value and an unmatched after sales service then look no further than Delphi Measurement.



Delphi's wide range of products are designed to meet stringent safety factors involved when testing our products under pressure. Unlike many other load cells Delphi's products have a minimum safety factor of 3:1 or higher. Most products have an ultimate safety factor above 6:1 of measured load.



Choosing the finest materials and components before combining these with proven manufacturing methods means that quality is in the DNA of all our products, allowing us to retain a minimum IP67 rating. Our experience in product design ensures integration of all our products with standard components (such as shackles sheaves etc.).



Delphi products are designed, manufactured, assembled and calibrated in our Queensland facility from the highest quality materials and components.



All Delphi products are backed with our 24 month warranty. Our ISO 9001 accredited manufacturing facility provides all levels of repair and calibration services.

KNOW YOUR LOAD

SAFETY | PERFORMANCE | RELIABILITY

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Delphi



Delphi

ADMODUM BLUETOOTH
SOFTWARE



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FLEXIBLE WEIGHING SOFTWARE

APPLICATIONS INCLUDE

- Container weighing
- Industrial monitoring
- Lifting
- Agricultural applications
- Used with Delphi products or existing Load Cells
- Direct creation of PDF Weigh Certificate
- Direct emailing from software
- Multipoint calibrations
- Multiple scaling for different measurement types



CUSTOMISABLE WEIGH CERTIFICATE

- Operator inputs container details for automatically created Weigh Certificate
- Container serial number automatic validity check
- Local and Cloud certificate storage
- Customisable fields in the Weigh Certificate



USERS

- Four User levels
- Users can be assigned various levels of access to all the features of the software
- Operator
 - Create Weigh Certificate
- Supervisor
 - Alter warning and overload alarms
 - Add users and contact details
 - Customise Weigh Certificate
 - Configure unit screen
- Technician
 - Can perform all of the above and perform calibrations
- Admin
 - Can perform all of the above and have remote access to the tablet for support

LOAD CELLS

- Up to 6 load cells per machine can be added by Technician level and above



CUSTOMERS

- Multiple customers can receive emails from the system

MEASUREMENTS

- Multiple scaling for different measurement types
- Multiple calibrations for each measurement type
- Calibration points can be interjected, added and deleted continuously to improve system performance over time



UNITS

- Customisable units, decimal point and minimum resolution



CERTIFICATE NUMBER

- Auto generated certificate number increments each time a Weigh Certificate is generated
- Dedicated pre-fix and post-fix

CERTIFICATE TEMPLATE

- Customisable Weigh Certificate
- Customisable email

