

KNOW YOUR LOAD

SAFETY | PERFORMANCE | RELIABILITY

Delphi

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.

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