

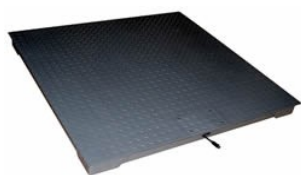
Ansutek

Weighing Catalogue

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RoHS



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Payment Options: *(email or phone for details)*

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Ansutek on the Web

Go to our website to see our full range of weighing solutions, load cell data sheets associated with the products in this catalogue.

www.ansutek.co.nz

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Ansutek Commercial's philosophy of responsibly acquiring New Zealand representation for top quality major overseas and local brands has had proven results that benefit all our customers.

In addition to our comprehensive loadcell range Ansutek are agents for the Mettler-Toledo Industrial weighing equipment and can assist you with systems based solutions utilising our systems experience and hardware in the labelling, scanning, printing and software areas.

At Ansutek we are committed to offering competent support by fully qualified and trained service technicians ensuring that our customers have the peace of mind and confidence that the job will be done right first time.

Ansutek - your one stop solutions partner!



"Australasia's Fastest Growing Distributor of Barcoding, Weighing, Labelling, Retail Point of Sale and Scanning Technology & Solutions"



Spoke type or "pancake" load cells are low profile, high precision, tension or compression load cells with eccentric load capability. Capacities vary from 1 - 50t.

H2F Alloy Steel 1/50t IP68



Suitable for all kinds of electronic weighing and measuring equipments like truck scales, hopper scales, etc. IP68, Nickel-plated, hermetically sealed, Capacity: 1/50t, Accuracy: C2.

- 1-5t
- 10t
- 15t
- 20t
- 30t
- 50t

Anstek Commercial Service Centre
24/7 In-House and On-Site Repair Service - Customised Solutions and Designs

Installation and Commissioning

After investing in quality, you want to make sure that your critical and technologically advanced precision instrument is installed and commissioned by a qualified professional.

The reliability and life cycle of any product is closely related to the initial installation and set-up. A professional installation by an authorised, factory-trained Service Professional ensures your instrument is set to exact specifications and configured to your working environment.

**Scale Testing & Certification
Appliance Testing
Customised Weighing Solutions
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Loadcells**

For prompt service phone toll free 0800 722 648

S type load cells derive their name from their shape which, of course, is the shape of the letter "S".

The S type beam is normally used in tensions applications. Primarily used for mechanical-to-electronic scale conversions, platform scale and general purpose weighing applications. Capacities vary from 25kg to 30t.



H3 Alloy Steel 25kg/30t OIML C3 IP67

OIML Nickel-plated, tension or compression applications. Suitable for hanging scales, mechanical conversion scales, hopper scales and other electronic weighing devices. Capacity: 25kg/30t, Accuracy: OIML C3.



- 25-750kg
- 1-1.5t
- 2-5t
- 7.5-10t
- 15-20t
- 30t



B3G Stainless Steel 50kg/10t OIML C3 IP67

Tension or compression applications. Suitable for hanging scales, mechanical conversion scales, hopper scales and other electronic weighing devices. Capacity: 50kg/10t, Accuracy: OIML C3.



- 50kg-500Kg
- 1.0t
- 2.5t
- 5.0t
- 7.5t
- 10t



BM3 Stainless Steel 500kg/6t OIML C3 IP68

Hermetically sealed, tension or compression applications. Suitable for hanging scales, hopper scales and other electronic weighing devices. Capacity: 500/6000kg, Accuracy: OIML C3.



- 0.5-3t
- 4.0t
- 5.0-6.0t

Single Point Loadcells can be used for a variety of weighing functions but their most common application is found in most small to medium sized platform scales.

They are also commonly known as "Platform Loadcells" but this description is also rather limiting. Single Point Loadcells probably account for the largest percentage of all loadcells world wide.

What makes single point loadcells unique is the ability to accept "off-centre" loads. They can support a weighing platform that is bolted directly to them and will accurately measure weight placed at any point on this platform.

The maximum platform size is of course restricted according to the capacity of the loadcell - available from 2.5Kg to 2t. This arrangement provides an economical and straight forward system for most small to medium sized platform scales.



L6D Aluminium Alloy 2.5/50kg OIML C3 IP65

Colorless anodized. Suitable for small platform scales like pricing scales, weighing only scales, etc. Recommended platform size: 250x350mm, Capacity: 2.5/50kg, Accuracy: OIML C3.



L6E Aluminium Alloy 50/300kg OIML C3 IP65

Colorless anodized, suitable for small platform scales like pricing scales, weighing only scales, etc. Recommended platform size: 250x350mm, Capacity: 50/300kg, Accuracy: OIML C3.



L6F Aluminium Alloy 50kg/2t OIML C3 IP65

Colorless anodized, Suitable for single & double load cells structured platform scales. Recommended platform size: 50-200 kg 600x600mm, 250-500 kg 600x800mm, 750-2000 kg 1200x1200mm, Capacity: 50kg/2t, Accuracy: OIML C3.

50-200kg
250-500kg
750-2000kg



B6F Stainless Steel 50kg/2t C3 IP65

Suitable for single or double load cells structured platform scales. Recommended platform size: 50-200kg 600x600mm, 250-500kg 600x800mm, 750-2000kg 1200x1200mm, Capacity: 50kg/2t, Accuracy: C3.

**H6F Alloy Steel 50kg/2t C3 IP65**

Suitable for single or double load cells structured platform scales. Recommended platform size: 50-200kg 600x600mm, 250-500kg 600x800mm, 750-2000kg 1200x1200mm, Capacity: 50kg/2t, Accuracy: C3.

**L6G Aluminium Alloy 50/600kg OIML C3 IP65**

Colorless anodized. Suitable for single & double load cells structured platform scales. Recommended platform size: 600x600mm, Capacity: 50/600kg, Accuracy: OIML C3.

**B6G Stainless Steel 50/635kg C3 IP65**

Suitable for single or double load cells structured platform scales. Recommended platform size: 600x600mm, Capacity: 50/635kg, Accuracy: C3.

**H6G Alloy Steel 50/635kg C3 IP65**

Suitable for single or double load cells structured platform scales. Recommended platform size: 600x600mm, Capacity: 50/635kg, Accuracy: C3.

**L6N Aluminium 3/100kg OIML C3 IP65**

Colorless anodized, suitable for pricing scales, bench scales, etc. Recommended platform size: 400x400mm, Capacity: 3/100kg, Accuracy: OIML C3.

3-30kg
50-100kg

**L6Q Aluminium 50/250kg OIML C3 IP65**

Colorless anodized, suitable for small platform scales like pricing scales, weighing only scales, etc. Recommended platform size: 250x350mm, Capacity: 50/250kg, Accuracy: OIML C3.

**B6Q Stainless Steel 200/250kg C3 IP65**

Adhesive sealed. Suitable for electronic weighing and measuring equipments like platform scales, belt scales, etc. Capacity: 200/250kg, Accuracy: C3.

**BM6G Stainless Steel 75/500kg C3 IP68**

Hermetically sealed. Suitable for electronic weighing and measuring equipments like platform scales, belt scales, etc. Capacity: 75/500kg, Accuracy: C3.

The single ended shear beam is designed for low profile scale and process applications. The shear beam capacities are from 250kg to 50t. One end of the shear beam contains the mounting holes while the opposite end is where the cell is loaded. The load cell should be mounted on a flat smooth surface with high strength hardened bolts.

The larger shear beam cells have more than two mounting holes to accommodate extra bolts to keep the hardware from stretching under stress load. Shear beams may be constructed of tool steel or stainless steel for use in harsh environments.



H8 Alloy Steel 500kg/25t IP67

Alloy steel Shear Beam Load Cell. Nickel-plated, adhesive-sealed. Suitable for vehicle scales, track scales, hopper scales and other electronic weighing devices.



500-3000kg
5t
10t
20t
30t

HM8 Alloy Steel 500kg/50t IP68

Nickel plated, Hermetically sealed. Suitable for vehicle scales, truck scales, hopper scales and other electronic weighing devices. Robust and Stable.



500-3000kg
5t
10t
20t
30t

H8B Alloy Steel 500kg/10t IP67

Nickel plated, adhesive-sealed with steel ball to bear the weight. Suitable for platform scales, track scales, hopper scales and other electronic weighing devices.



500-4000kg
5-8t
10t



H8C Alloy Steel 500kg/10t IP67

Nickel plated, adhesive-sealed. Suitable for floor scales, hopper scales and other electronic weighing devices.



500-2000kg
2.5t-5t



HM8C Alloy Steel 500kg/10t IP68

Nickel-plated, adhesive-sealed. Suitable for floor scales, hopper scales and other electronic weighing devices.

500-2000kg
2.5t-5t
10t



B8D Stainless Steel 500kg/5.0t IP67

Adhesive sealed. Suitable for floor scales, vehicle-test line, hopper scales and other electronic weighing devices.



500-2000kg
5t



BM8H Stainless Steel 250kg/5t IP68

Suitable for platform scales, track scales, hopper scales and other weighing devices.



500-2000kg
5t

The double ended shear beam characteristics are similar to those of the single ended shear beam.

It is most commonly used in truck scales and tank and hopper applications. Instead of being secured at one end and load applied to the other end as in the single ended shear beam, the double ended shear beam is secured at both ends and the load is applied to the centre of the load cell.



B9C Stainless Steel 5/250Klb IP67 Double Ended

High stability and corrosion proof. Suitable for tank & silo weighing applications.

- 5-10Klb
- 15-20Klb
- 30-75Klb
- 90-100Klb
- 150Klb
- 200-250Klb



H9C Alloy Steel 5/250Klb IP67 Double Ended

High stability. Suitable for truck scales, automobile tester, track scales and other electronic weighing devices.



- 5-20Klb
- 30-75Klb
- 100Klb
- 150Klb
- 200-250Klb



HM9B Alloy Steel 10/50t IP68

Nickelplated, welding sealed. Suitable for vehicle scales, track scales and other electronic weighing devices.



- 10t
- 20-30t
- 50t

Accessories for above loadcells on page 11...

Single Point Loadcells can be used for a variety of weighing functions but their most common application is found in most small to medium sized platform scales.

They are also commonly known as "Platform Loadcells" but this description is also rather limiting. Single Point Loadcells probably account for the largest percentage of all loadcells world wide.

What makes single point loadcells unique is the ability to accept "off-centre" loads. They can support a weighing platform that is bolted directly to them and will accurately measure weight placed at any point on this platform.

The maximum platform size is of course restricted according to the capacity of the loadcell - available from 20kg to 500kg. This arrangement provides an economical and straight forward system for most small to medium sized platform scales.



BM11 Stainless Steel 20/500kg IP68

Hermetically sealed. Suitable for electronic weighing equipment like belt scales, hopper scales, etc.



20-30kg
50-500kg



HM11 Alloy Steel 20/500kg

Belt Scales, Hopper Scales, etc.

Compression Load Cells

Compression Load cells supplied by Ansutek Ltd have been selected to cover many varied applications both in process weighing and force measurement. Anything from silo tanks, tank farms, vessels, weighbridges, truck weighing and the list goes on. OIML approved loadcells for trade approved applications.

These compression load cells are easy to install and can be supplied with their relevant load mounting assemblies. This section covers compression only, a load cell will produce a change in output when a force or load is applied in a compressive manner. Other sections such as s type loadcells cover the use of tensile load or force applications.



HM14C Alloy Steel Compression load cell

10 t
20 t
25 t
30 t
50 t

(All models Include HY-14-104 Mount)



BM14C OIML Stainless Steel Compression load cell

10 t
20 t
25 t
30 t
40 t
50 t

(All models Include BY-14-103 Mount)



BM14G OIML Stainless Steel Compression load cell

10 t
20 t
30 t
40 t
50 t

(All models Include BY-14-105 Mount)



BM14K OIML Stainless Steel Compression load cell

- 10 t/15 t
- 20 t/30 t/40 t
- 50 t/60 t
- 100 t

(All models Include BY-14-102 Mount)



BM14A OIML Stainless Steel Compression load cell

- 10 t
- 25 t
- 40 t
- 60 t
- 100 t

(All models Include BY-14-101 Mount)



BM14D Stainless Steel Compression load cell

- 10 t
- 20 t
- 25 t
- 30 t
- 40 t
- 50 t
- 100 t

(No Mounting)

Ansutek Bases



Ansutek HL-ANS-SS-30 Stainless Steel Base



Stainless Steel Base 300 x 400 mm 30Kg with aluminium loadcell, Pole and Mounting, No Indicator

Ansutek HL-ANS-SS-100 Stainless Steel Base



Stainless Steel Base 420 x 550 mm 100Kg with aluminium loadcell, No Indicator

Ansutek HL-ANS-1212 Stainless Steel Base



Mild Steel 1200 Square 4 loadcell Base 3 tonne capacity

Ansutek KL-ANS-3101 Panel Mount Indicator

Ansutek Panel Mount Indicator, Rs232, Rs485, (Isolated), two relay outputs.



Specifications:

* Optional updating speed rate: 6.25 times/sec, 12.5 times/sec, 25 times/sec, 50 times/sec.

* Two-point (open) relay output. Mode of output can be set as separate weight mode and stated value mode.

* Isolated digital communicating connector which can be chosen from RS232 and Rs485

* Analog output can be set into 4 types such as 4-20mA, 0-20Ma, 0-5V and 0-10V.

* AC 187V-242V Power supply.

Ansutek KL-ANS-3118 Platform Scale Indicator

Ansutek Platform Scale Indicator, Built in Battery, RS232, HI/LO Checkweighing, Weight, Accumulation, Animal Weighing



Specifications:

* Adopts high anti-jamming single chip microprocessor and high precision A/D conversion technology.

* Accumulating function *** **Great for freight scales**

* Over / Under Weighing with Hi/Lo Indication

* Auto power saving mode and auto off function

* Animal scale function

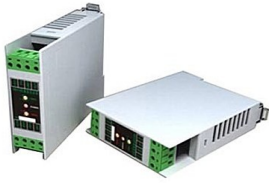
Ansutek HL-ANS Dolphin Indicator

Stainless Steel, Built in Battery, RS232



Ansutek Indicators

Ansutek KL-ANS-02G 4-20mA Convertor



Ansutek 4-20mA Convertor, Din Rail Mount, req 18-24VDC PSU, upto 3 loadcells at 350ohms per cell.

Model



T31P TRADE APPROVED

The T31P features a high-impact durable ABS housing with reversible face for either wall, column or table-top mounting. Large, backlit LCD display quickly displays results in a choice of multiple weighing units (lb, oz, combined lb:oz, kg or g). AC adaptor with internal rechargeable battery.

T31P



T31XW TRADE APPROVED

The T31XW features an IP66/NEMA4X waterproof stainless steel housing. Large, backlit LCD display quickly displays results in a choice of multiple weighing units (lb, oz, combined lb:oz, kg or g). Internal auto sensing power supply with internal rechargeable battery. Stainless steel mounting bracket included.

T31XW



CKW-55 TRADE APPROVED

For checkweighing in pounds, lbs, oz, combined lb:oz display, kilograms, grams, or percent of target. The Ohaus CKW-55 stainless steel indicator provides IP66/NEMA 4X washdown protection. NSF listed/Certified, USDA/AMS accepted, supports HACCP-Certified Systems

CKW-55

Please contact us for a full range of weighing solutions and accessories or visit our website at www.ansutek.co.nz

Ansutek OCS-B1/B2 Compact Crane Scale



OCS-B1

360°



Compact crane scale

OCS-B1 (LED display)

OCS-B2 (LCD display)

General crane scale

Features:

- High-quality alloy steel load receptor
- Aluminum die-casting enclosure
- 30mm LED display(B1)
- 30mm LCD display(B2)
- High-duty bow shackle
- High-duty eye hook
- High capacity rechargeable battery
- Stainless steel button
- Infrared remote controller
- Capacity: 1000kg--5000kg

Funcitons:

- Zero
- Tare in/out
- Hold
- Low valtage alarm
- Battery supervision
- Overload alarm/record
- Digital calibration
- 3-point linearity correction
- kg/lb switable
- Gravity accelaration value set

Max.cap	Min. cap	Division	G.W.	Package
1000kg	20kg	0.5kg	16kg	carton
2000kg	20kg	1kg	16kg	carton
3000kg	20kg	1kg	16kg	carton
5000kg	40kg	2kg	23kg	carton

Ansutek OCS-B3/B4 Compact Crane Scale



OCS-B3

360°



Compact crane scale

- OCS-B3 (LED display)
- OCS-B4 (LCD display)
- General crane scale

Features:

- High-quality alloy steel load receptor
- Aluminum die-casting enclosure
- 38mm LED display(B3)
- 38mm LCD display(B4)
- High-duty bow shackle
- High-duty eye hook
- High capacity rechargeable battery
- Stainless steel button
- Infrared remote controller
- Capacity: 1000kg--5000kg

Funcitons:

- Zero
- Tare in/out
- Hold
- Low valtage alarm
- Battery supervision
- Overload alarm/record
- Digital calibration
- 3-point linearity correction
- kg/lb switable
- Gravity accelaration value set
- Tare set
- Total/delete/clear total
- View total
- Resolution switch
- Auto off set
- Idle set
- Display luminance set
- Display speed set
- Anti-motion set

Max.cap	Min. cap	Division	G.W.	Package
1000kg	20kg	0.5kg	16kg	carton
2000kg	20kg	1kg	16kg	carton
3000kg	20kg	1kg	16kg	carton
5000kg	40kg	2kg	23kg	carton



Ansutek OCS-M1/M2 Portable Crane Scale



OCS-M2

360°



Portable crane scale

- OCS-M1 (LED display)
- OCS-M2 (LCD display)
- General crane scale

Features:

- High-quality alloy steel load receptor
- Aluminum die-casting enclosure
- 30mm LED display(M1)
- 30mm LCD display(M2)
- High-duty bow shackle
- High-duty eye hook
- High capacity rechargeable battery
- Stainless steel button
- Infrared remote controller
- Capacity: 50kg--1000kg

Functions:

- Zero
- Tare in/out
- Hold
- Low voltage alarm
- Battery supervision
- Overload alarm/record
- Digital calibration
- 3-point linearity correction
- kg/lb switable
- Gravity acceleration value set
- Tare set
- Total/delete/clear total
- View total
- Resolution switch
- Auto off set
- Idle set
- Display luminance set
- Display speed set
- Anti-motion set

Max.cap	Min. cap	Division	G.W.	Package
50kg	0.4kg	0.02kg	6kg	carton
100kg	1kg	0.05kg	6kg	carton
200kg	2kg	0.1kg	6kg	carton
300kg	2kg	0.1kg	6kg	carton
500kg	4kg	0.2kg	6kg	carton
1000kg	10kg	0.5kg	6kg	carton

Ansutek OCS-L Mini Crane Scale



OCS-L 360°

Mini crane scale

OCS-L (LCD display)

Features:

- Die-casting aluminum enclosure
- 20mm LCD display backlight
- Stainless steel shackle
- Stainless steel hook
- AA *3 battery
- Water-proof panel button
- Various colour available
- Capacity:30kg -300kg

Functions:

- Zero
- Tare in/out
- Hold
- Low valtage auto power off
- Battery supervision
- Overload alarm
- kg/lb/N switchable

Max.cap	Min. cap	Division	G.W.	Package
30kg	0.2kg	0.01kg	1kg	carton
60kg	0.4kg	0.02kg	1kg	carton
120kg	1kg	0.05kg	1kg	carton
200kg	2kg	0.1kg	1kg	carton
300kg	2kg	0.1kg	1kg	carton



Mounting



HM-2-401

Alloy steel, assembled with H2F, based on a rocker pin design, combining excellent load introduction to the transducer with an overall low profile. Has a built-in horizontal movement control and lift-off protection.

1-5t
10t
15t
20t
30t
50t



HM-8-402

Alloy steel, assembled with H8C, B8D, HM8C or BM8D.

0.5/2t
2.T/5t

HL-3-002

Aluminium Alloy, assembled with S-Type load cell. Suitable for crane scales, packaging scales, hopper scales and tank scales



HL-3-002-25/50kg
HL-3-002-100kg/150g
HL-3-002-200/300kg
HL-3-002-500kg/1.5t
HL-3-002-2/3t
HL-3-002-5t

HL-3-003

Aluminium Alloy, assembled with S-Type load cell. Suitable for crane scales, packaging scales, hopper scales and tank scales



HL-3-003-25/50kg
HL-3-003-100kg
HL-3-003-200/1t
HL-3-003-1.5t
HL-3-003-2/5t

HL-3-004

Aluminium Alloy, assembled with S-Type load cell. Suitable for crane scales, packaging scales, hopper scales and tank scales



- HL-3-004-25/50kg
- HL-3-004-100kg/150kg
- HL-3-004-200/300kg
- HL-3-004-500kg/1.5t
- HL-3-004-2/5t

HL-3-005

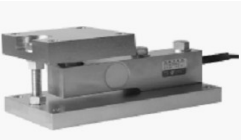
Aluminium Alloy, assembled with S-Type load cell. Suitable for crane scales, packaging scales, hopper scales and tank scales



- HL-3-005-25/50kg
- HL-3-005-100kg/150kg
- HL-3-005-200/300kg
- HL-3-005-500kg/1.5t
- HL-3-005-2/5t

HM-8-401

Alloy steel, assembled with H8 or HM8, compact structure, easy installation. Anti turnover. Anti overload. Correct dislocation automatically. Suitable for vehicle scales, track scales and hopper scales.



- HM-8-401-0.5/3t
- HM-8-401-5t
- HM-8-401-10/15t
- HM-8-401-20t

HM-9-401

Alloy steel, assembled with H9C or B9C, integrative assembly can be installed easily, suitable for testing slight dynamic load under heavy static load, excellent anti-side load ability.



- HM-9-401-5/20K
- HM-9-401-30/75K
- HM-9-401-100K
- HM-9-401-150K
- HM-9-401-200/250K



HM-9-403

Alloy steel series weighing integrative subassembly, can be installed easily, suitable for the measurement of big static and small dynamic loads, excellent anti-side load ability.

HM-9-403-1/5K

HM-9-403-10/35K

HM-9-403-50/75K



HM-14-401

Suitable for truck scales and track scales. Alloy steel, assembled with HM14C or BM14C Restrict horizontal movement. Anti-turnover, Correct dislocation automatically. Compact structure, easy installation

HM-14-401-10/50t



HM-14-403

Suitable for truck scales and track scales. Alloy steel, assembled with HM14C or BM14C, Restricts horizontal movement. Anti-turnover, Correct dislocation automatically. Compact structure, easy installation

HM-14-403-10/50t

Summing Box



Junction Box JB01

Cast aluminium, plastic sprayed, IP65

4-6

8

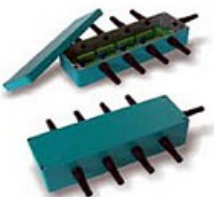


Junction Box JB02

Cast Aluminium, plastic sprayed, IP65

2-3

4



Junction Box JB06

Cast Aluminium, plastic sprayed, IP65, surge protection, lightning protection

Foot Assembly



HJ-8-208

Alloy steel, rubber foot, assembled with H8C, B8D, HM8C or BM8D,
0.25/2t
2.5/5t



BJ-8-202

Easy installation, height adjustable, anti-corrosion, with a steel ball inside to center automatically, high ability of anti-side load. Mainly used for the floor scale, platform scale in harsh and corrosive environments.

0.5/2.0t
2/5/5.0t



BJ-8-205

Easy installation, height adjustable, anti-corrosion, with a steel ball inside to center automatically, high ability of anti-side load.

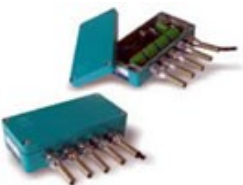
0.5/2.0t

Transmitters



FD-3

Adjustable excitation voltage. Wrong connection protection. Zero adjustable resistors can be outer-connected. Terminal blocks connection. Protection Class IP65.



FD-5

2 to 4 load cells interconnects. Surge protection. Wrong connection protection. Voltage output or Current output. Terminal blocks connection. Cover with installation holes, easy to fix on the platform.