



**AUSTRALIAN
WEIGHING
EQUIPMENT**
Way ahead in Weighing

PRODUCT GUIDE

TEST WEIGHTS

- Fully calibrated weights from 1mg to 200 tonnes
- Wide range of weights lifting accessories and test rigs
- Weights for sale or hire





■ **STAINLESS STEEL TEST MASSES**

- Sized from 1mg to 10kg
- Suitable for calibration of both Analytical Balance (Class II) and Trade Scales (Class III)
- High Polish Finish
- Non Magnetic
- Class III Trade & Inspector Weights
- Custom weights available when driven over
- Easy for vehicles to load on and off



Premium Quality
Stainless Steel
Weights suitable
for Low Capacity
Scale Calibration



↙ Gram weight



↗ Milligram weights

↖ TMSB2F2 Kit

■ **ACCURACY CLASS**

- O.I.M.L R111-2 to F Class (International)
- Regulation 13, Class II (Australian NMI)
- ASTM E617 Class 5 (USA)

■ **RE-CALIBRATION**

- Weights to be verified every 3 years (REG 13)

■ **IDENTIFICATION**

- Capacity stamped on each mass
- Mass set boxes are marked with unique identifier
- Unique identifier for Individual Masses at extra cost

■ **BOX SETS**

- Weight Kits come in foam lined carry case
- Loose weights come in individual cases

Box Sets

Order Code	Description
TMSB1F2	Stainless Steel Mass Set#1. Comprises of 1mg, 2 x 2mg, 5mg, 10mg, 2 x 20mg, 50mg, 100mg, 2 x 200mg, 500mg, 1g, 2 x 2g, 5g, 10g, 2 x 20g, 50g, 100g, 2 x 200g
TMSB2F2S	Stainless Steel Mass Set#2. Comprises of Set#1 + 1kg & 2 x 2kg
TMSB3F2	Stainless Steel Mass Set#3. Comprises of Set#2 + 5kg & 10kg
TMSB4F2S	Stainless Steel Mass Set#4. Comprises of 1kg, 2 x 2kg & 5kg

Milligrams (mg)

Order Code	Weight
TMS000001F1	1mg
TMS000002F22	mg
TMS000005F25	mg
TMS000010F2	10mg
TMS000020F2	20mg
TMS000050F2	50mg
TMS000100F2	100mg
TMS000200F2	200mg
TMS000500F2	500mg

Grams (g)

Order Code	Weight
TMS0001F2	1g
TMS0002F22	g
TMS0005F25	g
TMS0010F2	10g
TMS0020F2	20g
TMS0050F2	50g
TMS0100F2	100mg
TMS0200F2	200mg
TMS0500F2	500mg

Kilograms (kg)

Order Code	Weight
TMS1F2	1kg
TM2F22	kg
TMS5F25	kg
TMS10F2	10kg



■ **SMALL MASSES**

- Stackable design
- Box sets available
- Class III trade weights
- Our best selling range
- No burrs or rough edges
- Custom weights to order
- From 100g to 20kg stocked
- REG13, NATA or AWE Certificate



Small Masses
suitable for **Low to
Medium Capacity
Scale Calibration**

Hexagonal
weights from
100g to 2kg



Grip Handle Weights in ↗
5kg, 10kg & 20kg

■ **ACCURACY CLASS**

- O.I.M.L R111-2 to M Class (International)
- Regulation 13, Class II (Australian NMI)
- NIST 105-1 to Class F (USA)

■ **IDENTIFICATION**

- Capacity is stamped on each mass
- Individual masses may be stamped with a unique identifier at additional cost

■ **RE-CALIBRATION**

- Weights to be verified every 3 years (REG 13)

■ **ORDER CODES**

■ **SURFACE FINISH**

- 1 Coat Zinc Primer
- Protect Line 402 (40uM)
> Followed by 2 coats equipment gloss enamel
- Protect Line 304 (40uM per coat)
> Minimum paint thickness 120 uM

Order Code	Masses	Weight	Description	Tolerance	Typical Dimensions (Width x Depth x Height)
TMC01M1	Hexagonal test masses	100g	OIML M1 - Cast Iron Test Mass	± 0.1g	38mm x 38mm x 35mm (Point to Point)
TMC02M1	Hexagonal test masses	200g	OIML M1 - Cast Iron Test Mass	± 0.1g	50mm x 50mm x 22mm (Point to Point)
TMC05M1	Hexagonal test masses	500g	OIML M1 - Cast Iron Test Mass	± 0.1g	68mm x 68mm x 30mm (Point to Point)
TMC1M1	Hexagonal test masses	1kg	OIML M1 - Cast Iron Test Mass	± 0.1g	75mm x 75mm x 35mm (Point to Point)
TMC2M1	Hexagonal test masses	2kg	OIML M1 - Cast Iron Test Mass	± 0.1g	115mm x 115mm x 44mm (Point to Point)
TMC5M1	Hand Grip Masses	5kg	OIML M1 - Cast Iron Test Mass	± 0.1g	145mm x 145mm x 85mm (Point to Point)
TMC10M1	Hand Grip Masses	10kg	OIML M1 - Cast Iron Test Mass	± 1g	187mm x 95mm x 110mm (Point to Point)
TMC20M1	Hand Grip Masses	20kg	OIML M1 - Cast Iron Test Mass	± 3g	139mm x 150mm x 75mm (Point to Point)
TMCB1M1	Hex and Hand Grip	Cast Iron Test Mass Box Set - 2 x 100g, 2 x 200g, 2 x 500g, 2 x 1kg, 2 x 2kg, 2 x 5kg & 10kg			

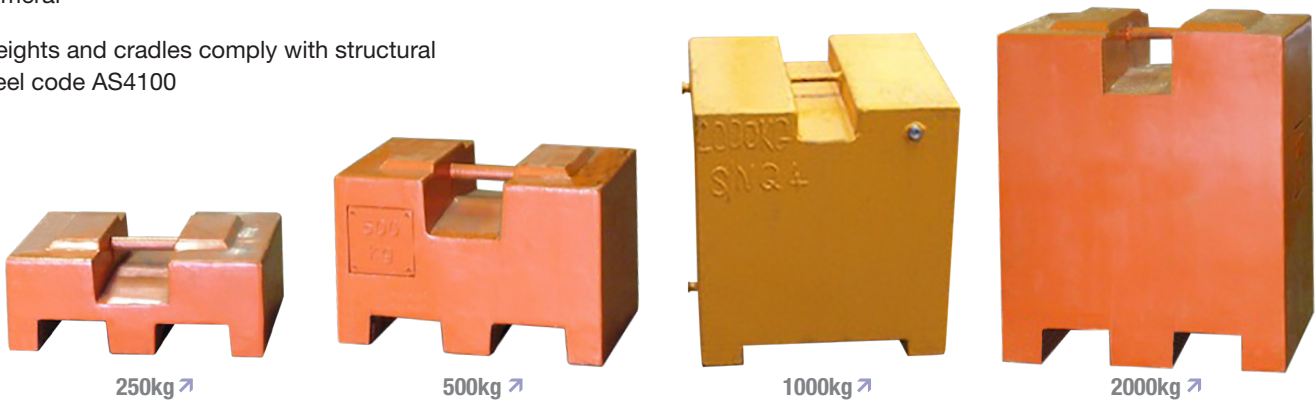


■ **CAST IRON TEST MASSES**

- Stackable interlocking design
- REG13, NATA or AWE certificate
- 250, 500, 1000, 2000kg standard
- Class III trade & inspector weights
- Structurally certified lifting frames available
- O.I.M.L. R111-2 to M class (international)
- Regulation 13, Class III (Australian NMI)
- NIST 105-1 to Class F (USA)
- Weights verified every two years (REG 13)
- Each mass uniquely identified with raised numeral
- Weights and cradles comply with structural steel code AS4100



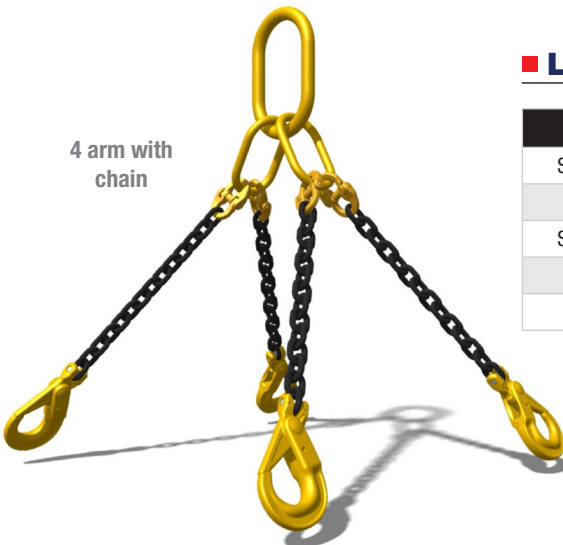
**Cast Iron Weights
suitable for
High Capacity
Scale Calibration**



Part No. note 1	Weight	Tolerance	Height(Max)	Width (Max) note 2	Depth (Max) note 2
TMC250M1	250kg	± 12g	245mm	530mm	350mm
TMC500M1	500kg	± 25g	280mm	700mm	530mm
TMC1000M1	1000kg	± 50g	482mm	700mm	530mm
TMC2000M1	2000kg	± 100g	860mm	700mm	530mm

■ **LIFTING SLINGS**

4 arm with chain



Order Code	Description	Max Lift @ 60°
SLING4ARMCSH	4 Arm with Chain Shortening	Lifts 4 x 1 Tonne loads - 5.4 Tonnes
SLING4ARMC	4 Arm with Chain	Lifts 4 x 1 Tonne Loads - 5.4 Tonnes
SLING2ARMCSH	2 Arm with Chain Shortening	Lifts 2 x 1 Tonne Loads - 2.7 Tonnes
SLINGROPE1	Nylon Rope Sling	1 Tonne
SLINGROPE2	Nylon Rope Sling	2 Tonne



■ **CAST IRON TEST MASSES**

- Stackable interlocking design
- Delivered to your site
- Great hiring rates
- Purpose built test trucks with hiab and forklift capability
- 200 Tonnes of weight available
- Class III trade & inspector weights
- Structurally certified lifting frames available
- O.I.M.L. R111-2 to M class (international)
- Regulation 13, Class III (Australian NMI)
- NIST 105-1 to Class F (USA)
- Weights and cradles comply with structural steel code AS4100
- Custom-made lifting frames if required



Cast Iron Weights and Cradles for Industrial Capacity Scale Calibration

Order code	Capacity	Description
TRUCKRIG1	10t + 12t (Truck Tare)	Hiab 1t @ 2.4m Reach
TRUCKTRAILER1v	10t + 6t (TrailerTare)	Hauled by Rig 1, 2t Forklift Option
TRUCKRIG2	12t + 10t (Truck Tare)	No Hiab
TRUCKTRAILER2	10t + 6t (TrailerTare)	Hauled by Rig 2, 2t Forklift Option



Testing Truck on ↗ Weighbridge

Lifting frame ↗



80 Tonne ↘ Lifting Cradle



■ **INDUSTRIAL TEST MASS LIFTING FRAMES**

Order Code	Cradles/ Carriages	Capacity	Typical Dimensions (L x W x H)	Comment
HWCRADLE350	Hand Weight Cradle	350kg	600mm x 250mm x 520mm	Lifting Frame
LIFTFRAME1	Lifting Frame	35t	2870mm x 2100mm x 2250mm	Tare is 1250kg - Lifting Eye 70 Dia
LIFTFRAME2	Lifting Frame	50t	5049mm x 2060mm x 2250mm	Tare is 1750kg - Lifting Eye 70 Dia
LIFTFRAME3	Lifting Frame	80t	3970mm x 2570mm x 3300mm	Tare is 1650kg - Lifting Eye 70 Dia
RAILWEIGHCA	Rail Weigh Carriage	30t	2100mm x 3400m	Tare is 1734kg - Electric Drive via Onboard generator Pack (Unlead) Max load 75,00kg



■ **AWE - THE BEST IN THE BUSINESS**

AWE has built a reputation in providing world class products and services to customers from a wide range of industries for many unique applications. All the products come with AWE Quality Guarantee- giving you the assurance that they have been tested to meet or exceed the specifications and requirements of your application. At AWE, it's more than just delivering perfectly-designed equipment, it also requires a team of dedicated people who will back you up with great service and support. Any servicing, installation and technical support issues you encounter can be addressed either onsite or remotely by our engineers and tradesmen who carry qualifications as:

- Licensed Tradesmen
- Mechanical Engineers
- Electrical Engineers
- Structural Engineers
- Draftsmen
- Fitter & Turners
- Boilermakers
- Fully Qualified Scale Makers
- Electronic Technicians
- Instrument Fitters
- Electricians
- Service Technicians
- Project Managers
- Formworkers
- Concreters

Call AWE today.



If you have questions about

- **weighing equipment**
- **packaging equipment**
- **bulk materials handling**
- **componentry**

call the sales team at *AWE Group* to find the right solution for your individual needs.

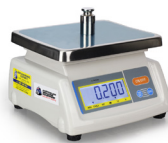
■ **AWE PRODUCT RANGE**



Weighbridges



Load Cells



Scales



Crane Scales



Indicators



Packaging Equipment



Onboard Weighing



Batching Consoles



Test Weight



Maintenance



■ WHO IS “AUSTRALIAN WEIGHING EQUIPMENT GROUP”

Jeff & Trevor Baillie started Australian Weighing Equipment (or AWE) in 1981, focusing on weighing solutions based on engineering principles. For nearly 40 years AWE has built its reputation as a leading supplier of robust weighing, packaging & bulk handling equipment. Our innovative engineering and continuous product developments have led to designs that will stand up to the rigours and demands of your applications.

AWE has increased its investment in manufacturing facilities with a new 3,200sq/m factory in Sydney which has

- A CNC Machine Shop
- Heavy Metal Fabrication Shop
- Larger work areas for our team of qualified tradesman

Acquisitions of Bradwood Packaging and Dendy Packaging and Design Engineering has increased our packaging and engineering experience.

In 2008, AWE established a manufacturing facility in China - AWE Group Packaging and Bulk Materials Handling Equipment, a purpose-built 5,000sq/m factory in Suzhou China (70kms From Shanghai).

All of the products we offer are Australian designed and manufactured under our strict quality control system in our own factories both locally and internationally.

■ LOCATIONS OF AUSTRALIAN WEIGHING EQUIPMENT



Australian Weighing
Equipment - Sydney Office

8 Heald Road
Ingleburn NSW 2565



Australian Weighing
Equipment - Melbourne Office

37 Barrie Road
Tullamarine, VIC, 3043



Australian Weighing
Equipment - Brisbane Office

7 Darnick Street
Underwood, QLD1 4119

■ AUSTRALIAN WEIGHING EQUIPMENT ON SOCIAL MEDIA



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www.youtube.com/AustWeighing



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