Industrial Weights

Nominal values 1 kg - 5 t

OIML classes F1, F2, M1, M2, M3

Stainless Steel

Cast Iron

Solid and Innovative Design

To Meet Tough Requirements

METTLER TOLEDO

Unrivaled Expertise and Quality

METTLER TOLEDO is the world's leading manufacturer of precision instrumentation and a supplier of weights, weight sets and related weight calibration services. The extensive weight portfolio covers weights from one milligram to five tons in all accuracy classes.

Grip Handle Weights

OIML class F1
Stainless steel, high gloss finish
Density: 7.9 kg/ dm^3

Features, Benefits and Applications

- Forged instead of casted production guarantees constant material density and best long term stability
- Weights delivered in sturdy, lockable box for best protection
- Ideal for clean room and wash down applications
- Perfect to satisfy highest requirements in regulated industries
- Each weight with serial number for traceability purposes

Grip Handle Weights

OIML class M1
Stainless steel, glass bead blasted, passivated
Density: 7.9 kg/ dm^3

Features, Benefits and Applications

- Welded construction and glass bead blasted, passivated surface for heavy-duty operation within harsh environmental conditions
- Special passivation treatment of stainless steel ensures long-term corrosion resistance by losing its chemical reactivity
- No lead used, sealing plug made of aluminum to satisfy requirements in regulated industries
- Supreme for replacement of old cast iron weights
- Each weight with serial number for traceability purposes

Cylindrical Weights

OIML class F2, M1
Stainless steel
Density: 7.9 kg/ dm^3

Features, Benefits and Applications

- Grip handle design for safe lifting and stacking
- Stackable weight carriers to accommodate weights of 20 kg, 10 kg or 5 kg, max. capacity of 200 kg
- Weights including weight carrier available as calibrated and certified version
- Suitable for regulated environments such as Pharma-, Biotechnology-, or Food industries
- Each weight with serial number for traceability purposes

Grip Handle Weights

OIML class M1-M3
Cast iron, coated
Density: 7.2 kg/ dm^3

Features, Benefits and Applications

- Two-component coating for corrosion-, scratch-, and impact-resistant surface
- Smooth, weather-proof construction to reject dust and dirt, easy to clean
- Color coded weights for clear identification of OIML weight classes
- Flat top for easy and secure stacking
- Economic solution for general industrial applications
- Each weight with serial number for traceability purposes

Weight without certificate

Weight with certificate

Grip Handle Weights, Stainless Steel

Nominal value	F1 Order number		M1 Order number	
1 kg	11125424	11125429	30013625	30024245
2 kg	11125425	11125430	30013626	30024246
5 kg	11125426	11125431	30006805	30024247
10 kg	11125427	11125432	30006806	30024248
20 kg	11125428	11125433	30006807	30024249

Cylindrical Weights, Stainless Steel

Nominal value	F2 Order number		M1 Order number	
5 kg	11116650	11116656	11116600	11116601
10 kg	11116651	11116657	11116610	11116611
20 kg	11116652	11116658	11116620	11116621
50 kg	11116653	11116659	11116630	11116631
40 kg weight carrier	11116654	11116660	11116640	11116641

Grip Handle Weights, Cast Iron

Nominal value	M1 Order number		M2 Order number		M3 Order number	
5 kg	11125400	11125404	11125408	11125412	11125416	11125420
10 kg	11125401	11125405	11125409	11125413	11125417	11125421
20 kg	11125402	11125406	11125410	11125414	11125418	11125422
50 kg	11125403	11125407	11125411	11125415	11125419	11125423

Color Code **OIML**	F1	F2	M1	M2	M3

Safe Lifting and 360° Access
for Heavy Capacity Weights

Handling heavy capacity weights to test scales always poses certain risks. To avoid manual handling operations, we have designed weights that offer a myriad of lifting options, including 360° access by fork lifts, cranes, and hoists. This helps to avoid injury by minimizing manual handling hazards.

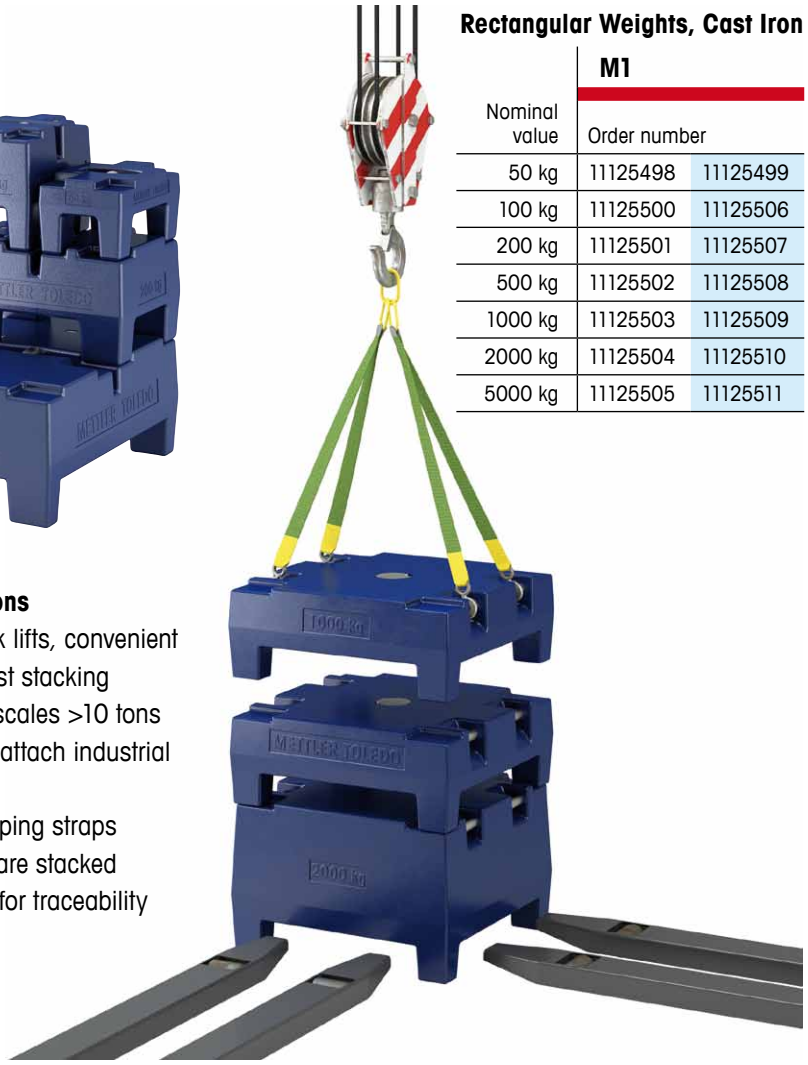
Rectangular Weights

OIML class M1
Cast iron, coated
Density: 7.2 kg/ dm^3

Weights are stackable and accessible by crane or fork lift.

Rectangular Weights, Cast Iron

Nominal value	M1 Order number	
50 kg	11125498	11125499
100 kg	11125500	11125506
200 kg	11125501	11125507
500 kg	11125502	11125508
1000 kg	11125503	11125509
2000 kg	11125504	11125510
5000 kg	11125505	11125511



Features, Benefits and Applications

- Standardized design to fit all fork lifts, convenient four-way access for safe and fast stacking
- Stackable to test max. loads of scales >10 tons
- Four handles on each weight to attach industrial lifting straps for crane lifting
- Fail-safe system by securely looping straps through handles when weights are stacked
- Each weight with serial number for traceability purposes

Cylindrical Weights

OIML class F1, F2
Stainless steel
Density: 7.9 kg/ dm^3

Features, Benefits and Applications

- Highest quality of heavy capacity stainless steel weights
- Safe lifting by crane using top hook
- Perfect for applications within the food industry
- Testing of commercial weighing devices by Weights & Measures officials
- Nominal values 100 kg up to 2000 kg

Rectangular

OIML class F1, F2
Stainless steel
Density: 7.9 kg/ dm^3

Features, Benefits and Applications

- Combinable weights make it easy to achieve a specific individual total reference test weight
- A low center of gravity ensures safe stacking and requires the minimum of storage space
- Use as reference weights for calibrating test weights in lower OIML classes
- Nominal values 100 kg up to 1000 kg

For quotes, technical information or other weights ▶ **weights@mt.com**

Accessories

Lifting Straps

Durable, high-quality lifting straps are the smart choice for safe lifting of heavy capacity weights.

Max. load	Length	Order number
5 t	1 m	11125600
5 t	2 m	11125601
5 t	3 m	11125602
5 t	4 m	11125603

Other lifting straps available upon request.

Four strings, 100% polyester, strong as steel, non-wearing, smooth and flexible. Eyelets and hooks made of hardened steel.

Max. load	Length	Order number
5 t	1 m	11125604
5 t	3 m	11125605

European Calibration Center for Heavy Capacity Weights

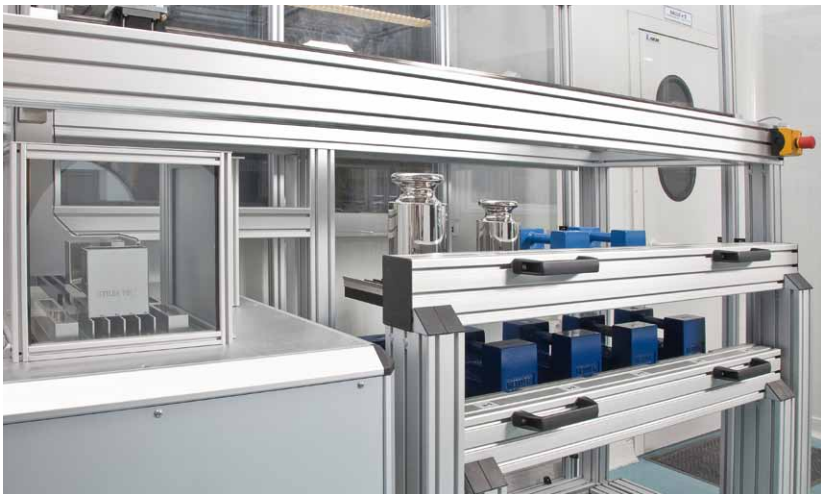
Topnotch technology and comprehensive expertise position our ISO 17025 accredited calibration laboratory in Béthune, France, among the best ones in Europe. World-class METTLER TOLEDO comparators ensure most accurate calibration results of weights up to 5 tons. Services cover all steps from cleaning to calibration to re-painting.

Cost savings right from the start
- World-class calibration facilities opened in 2006
- State-of-the-art METTLER TOLEDO mass comparators and robots ensure time-saving processes resulting in very competitive pricing.

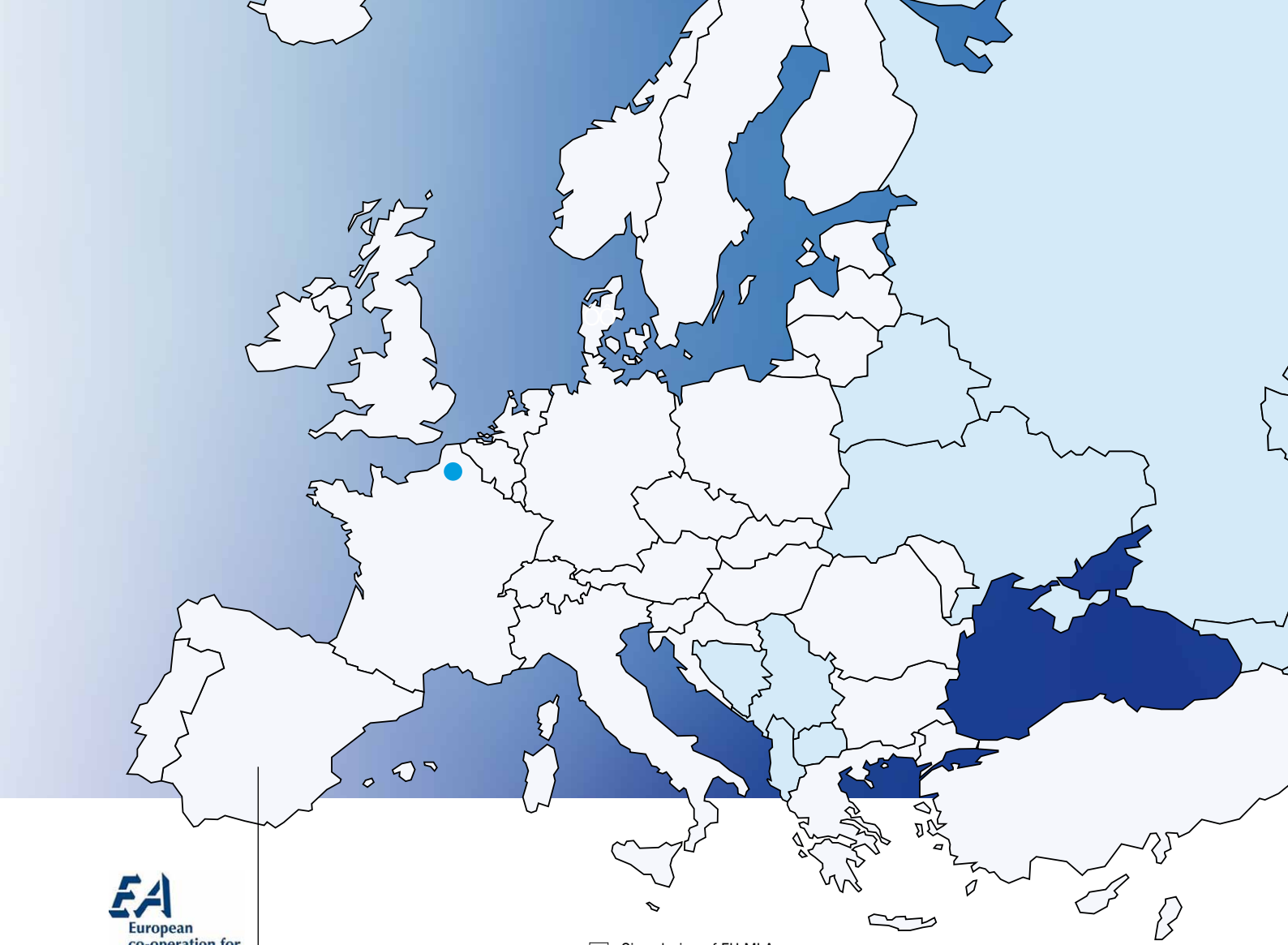
Fast turn around times
- Lean, computer controlled calibration processes ensure guaranteed turn around time of five days after firm confirmation of order.

Regulatory compliance guaranteed
- All certificates issued in accordance with ISO/IEC 17025 and with European co-operation for Accreditation (EA).

Professional support from A – Z
- Full service including cleaning, adjusting, calibration, painting, and marking of weights
- Logistics support to ship weights from your location to the calibration laboratory and back
- Certificates available in French, English, German, and Spanish



High Load Comparator (AX32004-M10) from METTLER TOLEDO for automatized mass determination of grip handle and knob weights from 1 kg to 20 kg.



European co-operation for Accreditation

Key Members

France:
Comité français d'accréditation

Germany:
Deutscher Kalibrierdienst

Switzerland:
Swiss Calibration

Spain:
Entidad Nacional de Acreditación

UK:United Kingdom:
Accreditation Service

The Netherlands:
Raad voor Accreditatie

Italy:
Servizio di Taratura

- Signatories of EU MLA
- Non-members
- Mass Laboratory, France

What is the objective of the European cooperation for Accreditation (EA)?

The EA MLA makes accreditation a "passport" which facilitates access to the EU and international markets through co-operation with ILAC (International Laboratory Accreditation Co-operation) and IAF (International Accreditation Forum).
The EA Multilateral Agreement creates confidence in, and acceptance of, accredited certifications, eliminating the need for suppliers to be certified in each country where they sell their products or services.

Safe Work
METTLER TOLEDO supports a safe and risk-free working environment

Cofrac certificates issued by METTLER TOLEDO's Calibration Laboratory in France are accepted in all countries, which have signed the EA MLA.

Full Members and Signatories of the EU MLA

BMWA (Austria)
BELAC (Belgium)
BAS (Bulgaria)
CYS-CYSAB (Cyprus)
CAI (Czech Republic)
DANAK (Denmark)
EAK (Estonia)
FINAS (Finland)
COFRAC (France)
DACH, DAP, DKD, TGA (Germany)
ESYD (Greece)
NAT (Hungary)
ISAC (Iceland)
INAB (Ireland)
SINAL, SINCERT, SIT (Italy)
LATAK (Latvia)
LA (Lithuania)
ILNAS (Luxemburg)
NAB-MALTA (Malta)
RVA (Netherlands)
NA (Norway)
PCA (Poland)
IPAC (Portugal)
HAA (Republic of Croatia)
RENAR (Romania)
SNAS (Slovakia)
SA (Slovenia)
ENAC (Spain)
SWEDAC (Sweden)
SAS (Switzerland)
IARM (The Former Yugoslav Rebulic of Macedonia)
TURKAK (Turkey)
UKAS (United Kingdom)

An Extensive Weight Portfolio
At a Reasonable Cost

METTLER TOLEDO offers weights for all industrial applications. If you need weights in the mg range for routine testing or weights in the highest accuracy classes for mass determination, METTLER TOLEDO's comprehensive weight portfolio has the solution for your specific requirement.

Laboratory Weights
- Single weights and weight sets
- 1 mg – 50 kg, classes E1, E2, F1, F2, M1, M2, M3
- Vacuum melted steel for highest material purity and long-term stability
- Smooth surfaces through unique electrolytic adjustment process
- Computer controlled weight calibrations performed by robots result in lowest uncertainty values

CarePacs®
- Designed for routine testing of balances with up to 8 kg weighing capacity
- CarePacs® only contain two weights – significant cost savings compared to entire weight set
- Time savings through easy and quick to use testing approach
- Professional weight handling through included accessories

Calibration Services
- All METTLER TOLEDO Mass Labs accredited for weight calibration according to ISO 17025
- Cleaning, calibrating and adjusting of weights
- Reporting of conventional mass correction, uncertainty and traceability

For quotes or technical information regarding weights, please contact your local METTLER TOLEDO organization or use the e-mail address: weights@mt.com

www.mt.com/weights
For more information

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GWP®
Good Weighing Practice™

The global weighing guideline GWP® reduces risks associated with your weighing processes and helps to
- choose the appropriate balance
- reduce costs by optimizing testing procedures
- comply with the most common regulatory requirements

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