Calibration & Certification



Audit-Proof Calibration

Procedural Consistency
Electronic Flexibility
Quality Assurance
Extra Safety

Calibration and Certification for Compliance and Beyond



Ensure Quality and Compliance with Unmatched Ease and Consistency

With calibration and certification services from METTLER TOLEDO, you can be relaxed about compliance. Consistent global procedures, readily available documentation and valuable data let you manage performance beyond the next audit.

Profit from METTLER TOLEDO calibration services with professional and self-explanatory certificates for industrial weighing equipment. Our certificates assure full compliance with regulatory and industry standards and prove your results are accurate and precise. Be confident that your scales perform to specification – and that your auditor knows it too.

Procedural Consistency



Do you need long-term consistency for your calibration procedures?

METTLER TOLEDO authorized technicians calibrate and certify your scales with our proprietary Mira-Cal[™] software. Pre-set calibration workflows guarantee audit-proof testing procedures consistently executed by all technicians across all countries and industries.

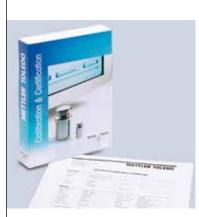
Electronic Flexibility



Are you concerned about preserving your calibration history?

METTLER TOLEDO administers your certificates in PDF format allowing for environmentally sound, paperless archival and retrieval at any time. All certificates are safely stored on your computer and readily available upon request from our secure database backup.

Quality Assurance



Are you looking for a state-of-theart certification system?

Computer-generated METTLER TOLEDO certificates eliminate human errors in the application of correct standard levels, the calculation of tolerances, as well as certificate generation. Fully traceable certificates will satisfy your auditor and give you all the information you need to be on top of performance management.



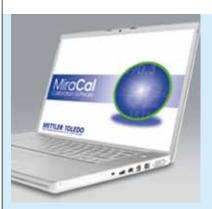
Extra Safety



Are you looking for a smart way to significantly reduce your weighing risk?

Knowing the minimum weight adds essential extra reliability to your weighing processes. The Minimum Weight certificate defines the lowest weighing limit for your specific tolerances and safety factors, applying to the unique METTLER TOLEDO Good Weighing Practice[™] (GWP[™]) methodology.

The METTLER TOLEDO Advantage



MiraCal[™], the proprietary calibration and certification system of METTLER TOLEDO, provides total consistency by guiding our service technicians through globally-applicable standard operating procedures. It provides full traceability of your certificates

and paperless delivery, thus significantly supporting your efforts towards achieving a more sustainable working environment.

Choose METTLER TOLEDO for your calibration and certification needs. Our service technicians are eager to help you achieve the highest levels of performance and compliance for a smooth audit. No matter how small or large your operation, you will benefit from experienced service technicians who have access to a worldwide network of resources and industry experts.

All the Information You Need Neatly in One Place

Eccentricity

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-	10	Poseon .	displayed states	Devator	Displayed your	Devenue
۰	6	Clamber	200 (14g	56	200 Ding	14.6
- 7	8	LiftFort.	200 0 kg	00.60	200 D kg	20 kg
		Lat New	200.0.4g	0.0 kg	200 5 kg	20 Mag
		Right Nave	200.0 kg	0080	200.0 kg	D C Mg
		Aughteinine	200 0 kg	DONE	2000 kg	DONE

Linearity

	Ai Nikel				
	Automatic Malan	Heating	2764	Altonial Direct	Wein Friedmark
. # T	14p	0.0 eg	20 kg	· 6334	712
1	10 kg	820 kg	DOwg	4110	713
. 1	257.44	210.0 Mp	0044	0.514	
(a	900 kg	500 E No.	DONE	7.98	218
	PECkg	115.5 kg	CON	ting -	*1 3

Eccentricity Test

States the measurement deviation of off-center loading

– Linearity

Repeatability

Assesses the linear relationship of incremental sample sizes

Determines the consistency of successive measurements

Repeatability

Tear Weight 200 kg				
	Wenout Tear Weight	iden Test Weight	Active Value	
$\hat{\mathbf{r}}$	00 kg	200.0 kg	2000 kg	
2	0.0 kg	200.0 kg	200/0 kg	
1	0 Q kg	200 0 kg	200-0 kg	
41	0.0 kg	200 Dikg	200-0 kg	

Measurement Uncertainty

Slads Appleir		10.62	10.44	250.40	:500 Hg
Condenant/Incentanty	ofic	eit tang	ebiaag	10.14.42	10.1210
Links Apprecia	14	750 sp	7001 kg	1500 Ap	NA
Condener Uncertainty	1480	x 0.15 kg	x D Hiteg	x 0.15 kg	NA.

Measurement Uncertainty

Calculates relative and systematic error of the results

Minimum Weight

	Salety Factors					
Weighing Accuracy	Te inclashib bokel	24 Visadady factor of 27	Se Jaelety factor of 21	Se visably factor of S		
01%	292.8.4g	375.3 Mg	875.0 10	1500 0 kg		
02%	Red is eg.	285.8 kg	428.6+0	704 1 kg		
2.5 %	561 kp	112.6.44	100 A 4g	283.8 42		
	28.0 kg	56 1 kg	84.3 kg	140.9 kg		
2%	44.0kg	200 kg	42140	10.2 40		

Reference Weights

Encentrally	All weights used for metrological setting are traceade to varional or inservational transaction. The weights were calibrated and certified by an accredited calibration laterative.				
Weight Set 1					
Weight Set No.	MPI	Cartificate Number	200		
Date	MIT	Cale of tissue	11-344-2011		
Calibration Due Dule.	11-24-2011				
		Cescoption 2	10000000000		

Minimum Weight

States the minimum allowable weight for given tolerances

Reference Weight Traceability Proves the reliability of the applied test weights

www.mt.com/service .

For more information

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