

CarePacs®



CarePac® Weight Sets

Ensure valid weighing results

Efficient and cost-effective

Guaranteed traceability



Traceable Balance Testing
for Secure Weighing Processes

METTLER TOLEDO

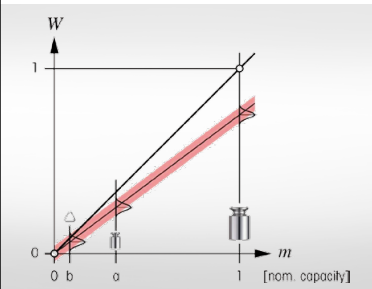


Ensure Valid Weighing Results with Just Two Weights

Routine testing of your balance helps maintain accuracy in between scheduled calibrations by an authorized service technician. Thanks to CarePacs®, you can test your balance with just two weights, rather than a full set, and still ensure consistently accurate weighing results.

The science-based global weighing standard, GWP®, states that testing at approximately 5% and 100% of balance capacity is sufficient. This approach saves time and money and applies to all balances in all industries. Specific to pharmaceutical companies, the same methodology is documented in USP General Chapter 41.

Expertise



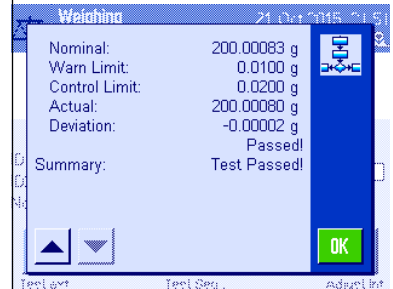
The larger test weight (1) at approx. 100% capacity assesses systematic deviations (sensitivity offset). The smaller test weight (a) at approx. 5% capacity assesses random errors (repeatability, shown in red). Low test loads (b) are not recommended.

Weight Calibration Service



Industry regulations demand testing regimes which are related to the process risk – the higher the risk, the greater the testing frequency. With the simplified and efficient GWP®-based testing approach, CarePacs® make it easy to stick to stringent testing schedules.

CarePacs® for Routine Testing



Routine balance testing maintains balance accuracy to limit the risk of working outside your specified process tolerances. CarePac® weights are specified to validate process tolerances up to 0.03%.



With such a large range available, choosing the correct weights can seem daunting. CarePacs® take the worry out of weight selection. Simply choose the CarePac® that corresponds to the model of your balance. See page 7.

Weight Verification System



Our GWP® Verification service verifies the performance of your balance and provides you with an optimal routine testing and calibration schedule, the required test weights, and the ideal maintenance plan – perfectly tailored to your specific processes.



GWP® White Paper

This white paper explains why accurate weighing is essential to meet process requirements and avoid out of specification results.

Download your free copy now

► www.mt.com/GWPwhitepapers

Efficient, Cost-effective Approach Saves Time and Money

Many laboratories are facing increasing pressure to deliver fast and accurate results. With just two test weights, the CarePac® approach reduces the time necessary to spend on routine testing so that laboratory technicians can focus on their weighing tasks.

Testing with just two weights, rather than a whole set, saves a considerable amount of time and is much less stressful. These key benefits have a positive impact on laboratory productivity. In addition, because there are just two weights, purchasing and recalibration costs are significantly reduced.

Select the CarePac® to match your balance



CarePacs® are available in three different sizes, each with various nominal weights and weight classes to enable testing of balances up to 8 kg weighing capacity.

Choose a 3rd weight for special applications



CarePacs® offer the option to add a third weight to accommodate individual testing requirements.

Superior accessories ensure correct handling



Ergonomic tweezers (or weight forks for larger weights) as well as clean-room approved gloves and cleaning cloths meet the highest industry standards and ensure professional testing.



CarePac® weight sets have everything you need for balance testing conveniently to hand.

Get WeightLink™ for guaranteed traceability



This unique weight identification system works with the balance firmware to cross-check the weight against its calibration certificate. It's impossible to test using the wrong weight and full traceability is assured.

Read more on page 6.



WeightLink™ White Paper

Discover how the security and compliance of balance testing can be assured by using WeightLink™.

Download your free copy now

► www.mt.com/wp-weightlink

Guaranteed Traceability via Unique Weight Verification

In our innovative WeightLink™ system, every test weight has a unique identification number (UIN) on the base which 'links' it to its calibration certificate. Calibration and certificate data are stored in a data matrix code (DMC). The dedicated DMC Scanner reads the two codes and sends the information to the balance. The balance firmware validates the certificate and weight data before allowing the balance test to begin.

With this highly efficient system, it is impossible to test using the wrong weight and the risk of errors from manual data entry is completely eliminated. Full traceability is assured in 4 easy steps:

- Scan certificate data
- Scan weight
- Perform balance test
- Print report

Proven traceability



The built-in balance testing application records the weight specific data and the test results. A detailed test report can be printed out with an external printer to provide full documentation of the performed balance test.

Enhanced security



WeightLink™ will only allow the use of a valid test weight. Verification of the test weight prior to use means you can rest assured that your testing procedures are fully compliant.

Improved productivity



Automatic data transfer of weight parameters into the balance firmware is much faster than manual data entry and removes the need to check and re-check handwritten entries. Printing out results is quick and easy.

Watch the video to see WeightLink™ in action

▶ www.mt.com/weightlink

CarePac® S

Weighing ranges
up to 490 g



	Balances								
	XP404S XS403S MS403TS	XP205 XP205S XP204S XP203S XSE204 XS205	ML304T MS205T MS304TS MS204TS MS303TS	ML204T ML203T ML303T	XPE105 XP105 XSE105DU XSE104 XS105 XS104 XA105 MS105T MS104TS	XP56 XS64 ML54T HE73 HE53	XP26	XPR6	XPR2 XS3
Nominal weight and class	200 g F2	200 g F2			100 g F2	50 g F2	20 g F1	5 g E2	2 g E2
	20 g F1	10 g F1			5 g E2	2 g E2	1 g E2	0.2 g E2	0.1 g E2
CarePac® S	11123000	11123001			11123002	11123003	11123006	11123005	11123004
WeightLink™ CarePac® S	30293475	30293476			30293477	30293478	30293481	30293480	30293479

ASTM

Nominal weight and class	200 g 1	200 g 1			100 g 1	50 g 1	50 g 1	5 g 1	2 g 1
	20 g 1	10 g 1			5 g 1	2 g 1	1 g 1	0.2 g 1	0.1 g 1
CarePac® S	11123100	11123101			11123102	11123103	11123106	11123105	11123104
WeightLink™ CarePac® S	30293463	30293464			30293465	30293466	30293469	30293468	30293467

CarePac® M

Weighing ranges
500 g – 4900 g



	Balances								
	XP504 XP603S XP802S XS603S XS802S	MS603TS ML503T ML802T	XP1203S XP1202S XS1003S	MS1003TS MS1602TS ML1602T ML1502T	XP2003S XP2002S XP2001S XS2002S	MS3002TS ML3002T ML2001T	MS4002TS DR XP4002S XP4001S XS4002S XS4001S MS4002TS ML4002T	XP5003S XP8002S XP6002S XP8001S XP6001S XS5003S XS6002S	XS8001S XS6001S MS6002TS MS8001TS ML6001T
Nominal weight and class	500 g F2		1000 g F2		2000 g F2		2000 g F2	5000 g F2	
	20 g F1		50 g F2		100 g F2		200 g F2	200 g F2	
CarePac® M / L	11123007		11123008		11123009		11123010	11123011	
WeightLink™ CarePac® M / L	30293482		30293483		30293484		30293485	30293486	

ASTM

Nominal weight and class	500 g 1		1000 g 1		2000 g 1		2000 g 4	5000 g 4	
	20 g 1		50 g 1		100 g 1		200 g 4	200 g 4	
CarePac® M / L	11123107		11123108		11123109		11123110	11123111	
WeightLink™ CarePac® M / L	30293470		30293471		30293472		30293473	30293474	

3rd Weight for customized testing

Value	OIML Class E2	Value	OIML Class E2	WeightLink™	
				OIML Class E2	ASTM Class 1
1 mg	11123044	1 g	11123053	30293554	11123153
2 mg	11123045	2 g	11123054	30293555	11123154
5 mg	11123046	5 g	11123055	30293556	11123155
10 mg	11123047	10 g	11123056	30293557	11123156
20 mg	11123048	20 g	11123057	30293558	11123156
50 mg	11123049	50 g	11123058	30293559	11123158
100 mg	11123050	100 g	11123059	30293560	11123159
200 mg	11123051				
500 mg	11123052				

Data Matrix Code Scanner

WeightLink™ DMC Scanner	30268560
WeightLink™ DMC Scanner + RS232 option	30304696



* Please visit our website to see the full range of CarePacs® available.

► www.mt.com/carepacs

Our Weighing Competence Ensures Your Quality

METTLER TOLEDO has decades of weighing expertise. We offer you easy access to our knowledge with online learning resources to help enhance your weighing know-how and make the most of your balance. Benefit further from our unique manufacturing skills with high quality weights for your balance testing.



Guide to Correct Weight Handling

Our free guide contains 12 practical tips and tricks to help you preserve the integrity of your weights and ensure valid test results.

► www.mt.com/lab-weight-handling



eLearning

Online training is a cost effective way to train new employees and fulfill GLP/GMP/ISO re-training requirements. Get going with:

- USP Compliance
- Lab Balances – External Influences and Cleaning

► www.mt.com/lab-elearning



Single Weights and Weights Sets

- Vacuum melted steel for highest material purity and long term stability
- Smooth surfaces through electrolytic polishing
- 1 mg – 50 kg, OIML Classes E1, E2, F1, F2, M1
- 1 mg – 20 kg, ANSI/ASTM Classes 1, 2, 3, 4
- 1 kg – 5 tons, OIML Classes F1, F2, M1, M2, M3

www.mt.com/weights

For more information

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Subject to technical changes
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