

GWP Recommendation Specimen for LAB

With GWP® Recommendation:

- You purchase only equipment with the right accuracy to meet your process and quality requirements
- You take into account environmental and regulatory factors before the selection

GWP® Recommendation is globally available for free and can be issued for any METTLER TOLEDO balance or scale.

You have downloaded a specimen highlighting the scientific selection of a balance or scale based on your process requirements. GWP® Recommendation provides documented evidence that the instrument selected meets metrological, environmental and regulatory requirements.

Good Weighing Practice™



GWP® Recommendation

Customer No.	12-34543	
Company	Best Laboratories Analytica	
Contact	Mr. John E. Sample	
Department / Position	Quality Control / Manager	
Building	LABS-3	
Street	Sample Street 11	
Zip Code / City	112233 / Sampleville	
State / Country	NY / USA	
Phone	+1 123 456 789	Date: Monday, 10. December 2012

Recommended Instrument	
Balance	XP205
Manufacturer	METTLER TOLEDO
Maximum capacity	220 g
Readability (d)	0.01 mg
Built-in adjustment mechanism	yes

Requirements/Typical Value	Value	Unit
Weighing Accuracy	0.1	%
Maximum Weighing Load Required	190	g
Minimum Weight Required	78	mg
Minimum Weight Typical	21 ¹⁾	mg
Safety Factor Required	2	
Safety Factor according to Typical Minimum Weight	3.71	
Standards and Regulations	GLP/GMP, USP	
Expansion Factor k	3	



METTLER TOLEDO recommends GWP® Verification to determine the actual minimum weight of this instrument on site. Furthermore, GWP® Verification provides all necessary information on testing procedures, frequencies and weights to maintain reliable weighing accuracy throughout the lifecycle of the instrument.

The GWP® Verification document can be issued for all models and suppliers of balances and scales. Through its risk-based approach it provides optimal performance verification activities at lowest costs.

Ask METTLER TOLEDO for an assessment of your installed base of weighing equipment to reduce costs and risks. Plus, receive complete out-of-compliance documentation at one glance. www.mt.com/GWP.



Readability (display resolution) of a balance or scale often is mistaken for accuracy. As a matter of fact, readability is just one contributor to the measurement uncertainty, which is the scientific expression of an instrument's accuracy. To ensure accurate measuring, you must consider at least the following factors prior to the selection of a new balance or scale:

Good Weighing Practice™

GWP® Recommendation

Customer No. 12-0062
Company Mettler-Toledo AG
Contact Mr. John C. Smith
Department / Position Quality Control / Manager
Address 1000 S. ...
City State / Zip ...
Date / Country ...
Phone ...

1 Customer information

2 Instrument information

3 Weighing requirements and achievements: Color codes pin-point accuracy and safety factor

METTLER TOLEDO recommends GWP® (Guided Weighing Practice) to determine the actual maximum weight of the instrument on site. GWP® includes a variety of measures, including on-site procedures, response and weight, to ensure reliable weighing accuracy throughout the lifetime of the instrument.

The GWP® verification document can be issued for all models and capacities of electronic and mechanical balances and scales. Through its on-site response to process control requirements, verification is critical to total cost.

See METTLER TOLEDO for an assessment of your intended level of weighing required to reduce costs and risks. Plus, visit our website to get complete documentation of our process. www.mt.com/gwp

METTLER TOLEDO

- 1 Customer information
- 2 Instrument information
- 3 Weighing requirements and achievements: Color codes pin-point accuracy and safety factor

Good Weighing Practice™

GWP® Recommendation

4 Appropriate test weights and weight classes

5 Detailed explanations and remarks

Recommended Services

Installation, qualification and training
Factory Price

Service contract
Full Service Package

Weight 1	100 g	Class	F2, F1 or O2
Weight 2	10 g	Class	F2, F1 or O2

Remarks: 1) The maximum weight allocation depends on the settings of the balance. The test weight set used in the laboratory environment. The maximum weight of the instrument in g, and the tolerance for the test weight set for the balance under test in the laboratory conditions. For more information, see METTLER TOLEDO's website for more information. A general recommendation of the maximum weight set for the instrument is provided in the table below.

Disclaimer: These general recommendations are for information purposes only and are not binding in any way. To ensure optimal weighing accuracy, users should consult with the manufacturer. It is necessary to conduct calibration and test procedures in a regular and timely manner. This document is subject to a number of conditions, including but not limited to the use of the weighing instrument, the type of material, the condition, location, history of the instrument, equipment of laboratory staff, safety regulations and other factors. The user is responsible for the use of the instrument. The user should be aware of the conditions, including the conditions for use of the instrument. The user should be aware of the conditions for use of the instrument. The user should be aware of the conditions for use of the instrument.

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Quality certificate
Mettler-Toledo AG
Certified under ISO 9001
Environmental management system
according to ISO 14001

CE "Authorized Signatory"
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Please contact your local representative for more information.

- 4 Appropriate test weights and weight classes
- 5 Detailed explanations and remarks

www.mt.com

For more information



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GWP®
Good Weighing Practice™

GWP® is the only science-based global standard for efficient lifecycle management of weighing systems, applicable to all kinds of weighing systems of any manufacturer. It helps you to

- choose the right balance or scale
- calibrate and operate your weighing equipment with security
- comply with current quality, compliance, laboratory and manufacturing standards

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