

# GWP Recommendation Monster voor LAB

Met GWP® Recommendation kunt u het volgende:

- U koopt alleen apparatuur met een nauwkeurighedsniveau dat aan uw proces- en kwaliteitsvereisten voldoet.
- U houdt rekening met omgevingsfactoren en de wet- en regelgeving, voorafgaand aan de selectie van de weegschaal

GWP® Recommendation is overal ter wereld gratis verkrijgbaar en kan voor elke balans of weegschaal van METTLER TOLEDO worden uitgegeven.

U hebt een voorbeeld gedownload dat de wetenschappelijke selectie van een balans of weegschaal op basis van uw procesvereisten benadrukt.

GWP® Recommendation levert schriftelijk bewijs dat het geselecteerde instrument voldoet aan de metrologische en omgevingsvereisten en aan de wet- en regelgeving.

Good Weighing Practice™



## GWP® Recommendation

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

**Recommended Instrument**

<b>Balance</b>	XP205
<b>Manufacturer</b>	METTLER TOLEDO
<b>Maximum capacity</b>	220 g
<b>Readability (d)</b>	0.01 mg
<b>Built-in adjustment mechanism</b>	yes

Requirements/Typical Value	Value	Unit
<b>Weighing Accuracy</b>	0.1	%
<b>Maximum Weighing Load Required</b>	190	g
<b>Minimum Weight Required</b>	78	mg
<b>Minimum Weight Typical</b>	21 <sup>1)</sup>	mg
<b>Safety Factor Required</b>	2	
<b>Safety Factor according to Typical Minimum Weight</b>	3.71	
<b>Standards and Regulations</b>	GLP/GMP, USP	
<b>Expansion Factor k</b>	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](http://www.mt.com/GWP).



De afleesbaarheid (displayresolutie) van een balans of weegschaal wordt vaak verward met de nauwkeurigheid. Afleesbaarheid is slechts één van de waarden waarmee de meetonzekerheid wordt berekend. De meetonzekerheid is de wetenschappelijke uitdrukking van de nauwkeurigheid van een instrument. Voor een nauwkeurige meting moet u, voorafgaand aan de selectie van een nieuwe balans of weegschaal, de volgende factoren in overweging nemen:

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**GWP® Recommendation**

Customer No. 12-34567  
Company: Best Laboratory Analysis  
Contact: Mr. John S. Smith  
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Building: (456) 7  
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City/State/City: 112222 / Netherlands  
State / Country: MT / USA  
Phone: +1 123 456 789  
Date: Monday, 10 December 2012

**1**

**2**

**3**

**Recommended Equipment**

Balance	MP200
Manufacturer	METTLER TOLEDO
Maximum capacity	2200 g
Resolution (g)	0.01 mg
Built-in adjustment mechanism	yes

**Recommended Technical Values**

Weighting Accuracy	0.1 %
Minimum Weighing Load Relative	100 g
Minimum Weight Required	10 mg
Minimum Weight Tolerant	211 mg
Static Factor Required	0
Static Factor exceeding in Tare	0.2%
Standards and Regulations	EURMET, OIML
Reference scale	0

METTLER TOLEDO recommends GWP® certification to determine the actual minimum weight of the instrument in its laboratory. GWP® includes available all necessary information on testing procedures, responses and weights. It includes advice regarding accuracy throughout the lifetime of the instrument.

The GWP® certification document can be used for all stages and aspects of balance selection. Through its in-house approach it provides a proven performance and reliability of tested scales.

Use METTLER TOLEDO for an assessment of your installed base of weighing equipment to reduce costs and risks. Plus, receive complete and complete documentation of the process. [www.mt.com/gwp](http://www.mt.com/gwp)

**METTLER TOLEDO**

- 1 Informatie voor klanten
- 2 Informatie over apparatuur
- 3 Weegvereisten en -resultaten:  
kleurcodes identificeren  
de nauwkeurigheids- en  
veiligheidsfactor

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**Recommended Services**

Installation, qualification and training  
Platform: P10

Service contract  
Full Service Package

**4**

**5**

**Weights**

Weight 1	200 g	Class	F2, F1 or F0
Weight 2	10 g	Class	F2, F1 or F0

*Note: \*The minimum weight is dependent on the settings of the balance. The test weight is valid in the laboratory environment. The minimum weight of your instrument in its own location is smaller than that from the lowest corner point in the factory instructions. For class METTLER TOLEDO takes 10 recommendations. A general recommendation of the minimum weight of 100 g is documented in the minimum weight guidelines from METTLER TOLEDO.*

**Notes:**

1) The minimum weight is dependent on the settings of the balance. The test weight is valid in the laboratory environment. The minimum weight of your instrument in its own location is smaller than that from the lowest corner point in the factory instructions. For class METTLER TOLEDO takes 10 recommendations. A general recommendation of the minimum weight of 100 g is documented in the minimum weight guidelines from METTLER TOLEDO.

**Disclaimer:**

"These general recommendations are for information purposes only and are not binding in any way. To ensure correct weighing accuracy, and to allow an efficient use of the weighing instrument, it is necessary to conduct calibration and test procedures in a regular and timely manner. This document is effective as a recommendation. It requires weighing accuracy and the address the use of the weighing instrument. All other factors of influence, the installation location, factory or the instrument, experience of operators and other management system of use of the test weight should be considered. Other factors, which might come into consideration in circumstances. Depending on the circumstances, the use of modified other measures might be appropriate. The final responsibility for the test procedure is with the user of the equipment. The manufacturer does not accept any liability in any way."

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[www.mt.com/GWP](http://www.mt.com/GWP)  
for more information

**Quality certification**  
Development, production and testing under ISO 9001.  
Environmental management system according to ISO 14001.

**CE "Commonmark Employer"**  
This mark denotes that our products comply with the latest guidelines.

- 4 De juiste testgewichten en gewichtsklassen
- 5 Uitgebreide uitleg en extra informatie

[www.mt.com](http://www.mt.com)

Meer informatie:



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**GWP®**  
Good Weighing Practice™

GWP® is de enige op wetenschap gebaseerde wereldwijde norm voor het efficiënte beheer van weegsystemen, en is toepasbaar op weegsystemen van allerlei verschillende fabrikanten. U kunt daarmee:

- de juiste balans of weegschaal kiezen
- uw weegapparatuur veilig kalibreren en bedienen
- voldoen aan huidige kwaliteits-, nalevings-, laboratorium- en productienormen

[www.mt.com/GWP](http://www.mt.com/GWP)