

GWP Recommendation

Exempel för LAB

Med GWP® Recommendation:

- köper du bara utrustning med rätt precision för att uppfylla dina process- och kvalitetskrav
- tar du hänsyn till faktorer som miljö- och myndighetskrav innan valet

GWP® Recommendation är tillgängligt gratis och globalt och för alla METTLER TOLEDO-vågar.

Du har hämtat ett exempel som belyser det vetenskapliga valet av en våg utifrån dina processkrav. GWP® Recommendation ger dokumenterade bevis på att det valda instrumentet uppfyller metrologiska, miljö- och myndighetskrav.

Good Weighing Practice™



GWP® Recommendation

Customer No.	12-34543		
Company	Best Laboratories Analytica		
Contact	Mr. John E. Sample		
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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.



En vågs avläsbarhet (skärmupplösning) misstas ofta för precision. I själva verket är avläsbarheten bara en bidragande orsak till mätosäkerheten, som är det vetenskapliga uttrycket för ett instruments precision. För att säkerställa exakt mätning måste du ta hänsyn till åtminstone följande faktorer innan du väljer en ny våg:

Good Weighing Practice™

GWP® Recommendation

Customer No. 12-04543
Company Mettler-Toledo Analytik
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1 Kundinformation

2 Instrumentinformation

3 Vägningsskrav och prestationer:
Färgkoder anger precisions- och säkerhetsfaktor

Recommended Instrument

Series	MP20
Manufacturer	METTLER TOLEDO
Maximum Capacity	220 g
Resolution (g)	0.01 mg
Min. Adjustment Resolution	µm

Recommended Technical Values

Weighting Accuracy	0.1 %
Minimum Weighing Load Relative	1%
Minimum Weight Required	10 mg
Minimum Weight Typical	211 mg
Static Factor Required	0
Static Factor Acceptable in Typical	0.2%
Maximum Weighing	0.2%
Stability and Reproducibility	0.00001 g/g
Response Time (s)	0

METTLER TOLEDO recommends GWP® certification to determine the actual minimum weight of the instrument in use. Furthermore, GWP® certification provides an accurate estimation on timing, precision, response and weight. It includes various weighing scenarios throughout the duration of the test cycle.

The GWP® certification document can be used for all ranges and capacities of balances. Through its in-house approach it provides various performance indicators to assist in the selection of the right instrument for the application. 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

METTLER TOLEDO

- 1 Kundinformation
- 2 Instrumentinformation
- 3 Vägningsskrav och prestationer:
Färgkoder anger precisions- och säkerhetsfaktor

Good Weighing Practice™

GWP® Recommendation

Recommended Supplier

Installation, qualification and training
Pharmax Piv

Service contract
Full Service Package

4 Lämpiga testvikter och viktklasser

5 Ingående förklaringar och anmärkningar

Weight 1	200 g	Class	F2, F1 or O2
Weight 2	10 g	Class	F2, F1 or O2

These general recommendations are for information purposes only and are not binding in any way. To ensure optimal weighing accuracy, you should follow the 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 to ensure weighing accuracy and to address the use of the weighing instrument. It is not a replacement for the manufacturer's instructions for the instrument. Other factors, such as the type of material, the installation location, history of the instrument, experience of operators and other management system of use etc. may also affect the accuracy. Therefore, the user should always refer to the manufacturer's instructions. Depending on the circumstances, the use of modified other measures may 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
for more information

Quality certified
Development, production and testing under ISO 9001
Environmental management system according to ISO 14001

CE "Commonmark Employer"
This mark assures you that our products comply with the latest guidelines.

- 4 Lämpiga testvikter och viktklasser
- 5 Ingående förklaringar och anmärkningar

www.mt.com

För mer information



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GWP®
Good Weighing Practice™

GWP® är den enda vetenskapligt baserade globala standarden för effektiv livscykelhantering av vägningssystem, för alla typer av vägningssystem, oavsett tillverkare. Den hjälper dig att

- välja rätt våg
- kalibrera och använda din vägningssystem i säkerhet
- följa gällande kvalitets-, efterlevnads-, laboratorie- och tillverkningsstandarder

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