

使用 GWP® 建议书:

- 您可购买到符合准确度要求的设备, 以满足您的过程与质量要求
- 在选型之前, 考虑环境与法规因素

GWP® 建议书在全球范围内免费提供, 可用于梅特勒 - 托利多任何天平或秤。

您已经下载了一份介绍如何根据您的过程要求科学选择天平或秤的范本。

GWP® 建议书提供书面凭证, 证明选择的仪器符合计量、环境与法规要求。

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 OHSU-compliant documentation at one glance. www.mt.com/GWP.



天平或秤的可读性（或显示分辨率）通常被误认为准确度。实际上，测量不确定度是仪器准确度的科学表达，可读性只是造成测量不确定度的原因之一。为确保准确测量，在选择新天平或秤之前务必至少考虑以下因素：

Good Weighing Practice™

GWP® Recommendation

Customer No. 12-24543
Company Mettler Analytical
Contact Mr. John S. Sample
Department / Position Quality Control Manager
Building Sample Street 11
City/Country/Zip 11222, Switzerland
State / Country NY / USA
Phone +1 212 464 5000 Date: Monday, 10 December 2012

1 客户信息

2 仪器信息

Series	MP205
Manufacturer	METTLER TOLEDO
Maximum capacity	2200 g
Resolution (g)	0.01 mg
Resolution (mg)	0.01 mg

3 称量要求与实际达到的结果比较：颜色表征准确度与安全系数

METTLER TOLEDO recommends GWP® certification to determine the actual minimum weight of the instrument in its laboratory. GWP® certification provides an accuracy estimation on testing procedures, responses and weights. 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 electronic scales. Through its in-depth approach it provides various performance parameters to assess the use of the weighing instrument. The user can approach its practice through performance parameters or tested results.

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 客户信息
- 2 仪器信息
- 3 称量要求与实际达到的结果比较：颜色表征准确度与安全系数

Good Weighing Practice™

GWP® Recommendation

4 适当的测试砝码与砝码等级

5 详细说明与注释

Weights

Weight 1	220 g	Class	F2, F1 or O2
Weight 2	10 g	Class	F2, F1 or O2

Notes:

1) The minimum weight depends 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 calibration. For METTLER TOLEDO scales 10 kg capacity, a general recommendation of the minimum weight on 100 g is documented in the minimum weight guideline from METTLER TOLEDO.

2) These general recommendations are for information purposes only and are not binding in any way. To ensure optimal weighing accuracy, you should always use the weighing instrument in a laboratory environment and test procedures in a regular and timely manner. This document is offered as a recommendation to ensure weighing accuracy and to address the use of the weighing instrument. The user of the instrument should always refer to the official documentation. Other factors, such as the use of the instrument, the installation location, the environment, the experience of the user and the use of the instrument in the laboratory, may affect the results. The user should always refer to the official documentation. Depending on the circumstances, the use of smaller test weights may be appropriate. The test procedures for the test procedures in use of the instrument. The manufacturer does not assume any liability for it.

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Software version: 3.0.1, 3.0.2, 3.0.3, 3.0.4

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

CE "Conformément Européen"
This mark denotes that the product complies with the listed standards.

- 4 适当的测试砝码与砝码等级
- 5 详细说明与注释

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GWP®
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GWP® 是唯一基于科学的称量系统高效生命周期管理全球性标准，适用于任何生产商的各种类型称量系统。它有助于您

- 选择正确的天平或秤
- 安全地校准和操作称量设备
- 遵从现有的质量要求、法规、实验室和生产标准

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