

GWP Recommendation Modello per LAB

Grazie a GWP® Recommendation è possibile:

- acquistare solo l'attrezzatura che, grazie a livelli di accuratezza adeguati, permette di soddisfare i requisiti in materia di processo e qualità
- prendere in considerazione fattori ambientali e normativi prima di effettuare una scelta

GWP® Recommendation è disponibile in tutto il mondo gratuitamente e può essere rilasciato per qualsiasi bilancia METTLER TOLEDO.

È stato scaricato un modello in cui si evidenzia la scelta scientifica di una bilancia in base ai requisiti di processo.

GWP® Recommendation fornisce prove documentate che lo strumento scelto soddisfa i requisiti metrologici, ambientali e normativi.

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GWP® Recommendation

Customer No. 12-34543
Company Best Laboratories Analytics
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 audit-compliant documentation at one glance. www.mt.com/GWP.

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Spesso la risoluzione (del display) di una bilancia viene confusa con l'accuratezza. In realtà, la risoluzione è solo uno dei fattori che determinano l'incertezza di misura e deve essere considerata insieme ad altri parametri che definiscono l'accuratezza di uno strumento in modo più scientifico. Per garantire misurazioni accurate, prima di scegliere una nuova bilancia è necessario considerare almeno i seguenti fattori:

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1 Dati cliente

Customer No. 12-34543
Company Best Laboratories Analytica
Contact Mr. John E. Sample
Department / Position Quality Control / Manager
Building LMS-3
Street Sample Street 11
Zip Code / City 11223 / Camarillo
State / Country NY / USA
Phone +1 123 456 789
Date: Monday, 10 December 2012

2 Informazioni sullo strumento

3 Requisiti e raggiungimento degli obiettivi in materia di pesata: la codifica a colori definisce accuratezza e fattore di sicurezza

Recommended Instrument

Balance	XP205
Manufacturer	METTLER TOLEDO
Maximum capacity	220 g
Readability (e)	0.01 mg
Ball-in adjustment mechanism	yes

Requirements/Typical Value

Value	Unit
Weighing Accuracy	0.1 %
Maximum Weighing Load Required	190 g
Minimum Weight Required	19 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	5

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 accurate weighing accuracy throughout the lifecycle of the instrument.

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- 1 Dati cliente
- 2 Informazioni sullo strumento
- 3 Requisiti e raggiungimento degli obiettivi in materia di pesata: la codifica a colori definisce accuratezza e fattore di sicurezza

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4 Pesì di prova e classi di peso appropriati

5 Spiegazioni e note dettagliate

Recommended Services

Installation, qualification and training
Pharmax POC

Service contract
Full Service Package

Weights	Class	F2, F1 or E2
Weight 1	200 g	F2, F1 or E2
Weight 2	10 g	F2, F1 or E2

(to correct handling of weights we recommend the use of appropriate tweezers and/or gloves)

Remarks:

1) The minimum weight achievable depends on the settings of the balance, the test weight as well as the balance's environment. The minimum weight of your instrument in situ can therefore be smaller or larger than the typical value given in the operating instructions, for which METTLER TOLEDO takes no responsibility. A precise determination of the minimum weight on site is documented in the Minimum Weight Certificate from METTLER TOLEDO.

Disclaimer: "These general recommendations are for information purposes only and are not binding in any way. To reach almost weighing accuracy, one to allow an optimal use of the weighing instruments. It is necessary to conduct calibration and test procedures in a regular and timely manner. This document is offered as a recommendation to improve weighing accuracy and to optimize the use of the weighing instruments. It is based on practically assessed documents like the test process handbook. Other factors, which might also have an influence, like installation location, history of the instrument, experience of laboratory staff, safety management system of use etc., have not been taken into account. Therefore the information given to be considered as recommendations. Depending on the circumstances the use of modified other measures might be appropriate. The final responsibility for the test procedures is with the user of the equipment. This recommendation does not extend our warranty in any way."

Created Date: Monday, 10 December 2012
Created by: Jean-Luc Quenot
Phone: +41 84 944 32 42
Email: jean-luc.quenot@mt.com
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www.mt.com/GWP
For more information

Quality certificates
Development, production and testing under ISO 9001
Environment management system according to ISO 14001

CE "Communauté Européenne"
This mark assures you that our products comply with the latest guidelines.

Mettler-Toledo AG
GWP Compliance Center
CH-8606 Greifensee, Switzerland
Phone: +41 84 944 32 11
Fax: +41 84 944 30 80
www.mt.com

- 4 Pesì di prova e classi di peso appropriati
- 5 Spiegazioni e note dettagliate

www.mt.com

Per maggiori informazioni



Mettler-Toledo AG
CH-8606 Greifensee, Svizzera
Telefono +41 44 944 22 11
Fax +41 44 944 30 60

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GWP® è l'unico standard globale su base scientifica per una gestione efficiente del ciclo di vita dei sistemi di pesata, applicabile a tutti i tipi di sistemi di qualsiasi produttore. Permette di:

- scegliere la bilancia appropriata
- tarare e utilizzare in modo sicuro gli strumenti di pesata
- soddisfare gli standard attuali in materia di qualità, conformità, laboratorio e produzione

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