radwag.com

SM 5Y.A Automatic Susceptometer

WL-101-0428

More information on the website
mirror.radwag.com/en/info,w1,E1C

The drawings, photos and graphics used are for illustrative purposes only.

Datasheet

Metrological parameters	
E1 Calibration Range	2 g – 50 kg
E2 Calibration Range	2 g – 50 kg
F1 Calibration Range	2 g – 50 kg
F2 Calibration Range	2 g – 50 kg
Maximum capacity [Max]	50 kg
Readability [d]	1 µg
Linearity	±3 µg
Stabilization time	10 s
Adjustment	internal (automatic)
Calibration Range	2 g – 50 kg
Distance platform Z0	20; 27; 43 mm
Magnetizing field strenght	2000, 800, 200 A/m
Physical parameters	
Display	10" graphic colour touchscreen
Weighing chamber doors	automatic

Physical parameters	
Weighing pan dimensions	ø300 mm
Device dimensions W x D x H	525×350×250 mm
Packaging dimensions W x D x H	950×750×750 mm
Net weight	26 kg
Gross weight	36 kg
Dipole moment of magnets	≤ 0.1 Am2
Communication interface	
Communication interface	2×USB-A, USB-C, RS 232 (COM3), HDMI, Ethernet, Wi-Fi, Hotspot
Environmental conditions	
Operating temperature	+15 – +30 °C
Operating temperature change rate	±0.5 °C / 12 h
Relative humidity	40% – 60%
Relative humidity change rate	±2% / 4 h
Construction	
Housing	ABS plastic
Components and software	
Processor	2×1 GHz
Memory	RAM 256 MB DDR2, 16GB – microSD

Repeatability is expressed as a standard deviation determined for 6 ABBA cycles. Standard deviation is experimentally determined under ambient conditions for calibration of E1 class mass standards specified in OIML R111 (Table C.1.) document.

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Accessories (Additional Fee)

RFID Tags
Antivibration Tables
Additional modules
Protective cover for balances
THBR 2.0 System - Ambient Conditions Monitoring
RS 232, RS 485 cables
Receipt Printer
Fingerprint Reader