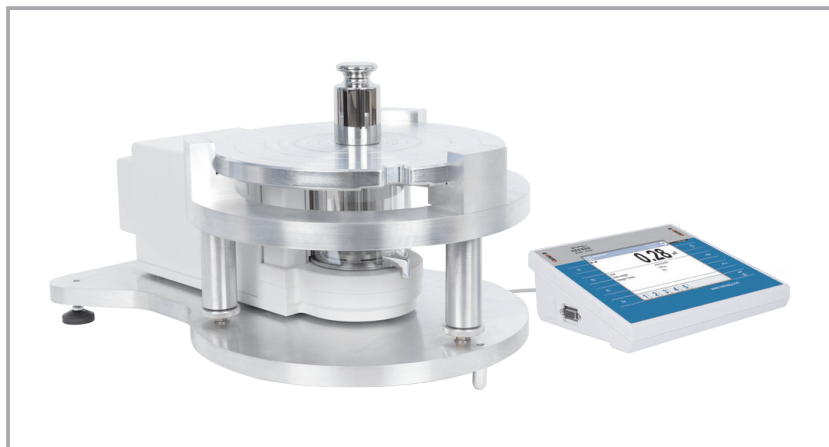


SUSCEPTOMETER SM



release date: 21-07-2017



Magnetization of material that is used to manufacture the weight is a very important parameter specified by OIML R111 standard.

SM series susceptometer measures susceptibility and permanent magnetization of 2 g – 50 kg weights, wherein the measurement is done in accordance with OIML R111, and with the highest accuracy. The susceptometer is a complete reference solution allowing to determine magnetic characteristics even for class E1.

The device features a user-friendly menu.

Technical specification:

Model	SM-MYA.B-5	SM-MYA-5
OIML R111	E2, F1, F2, M1	E1, E2, F1, F2, M1
Maximum Capacity	50 kg	50 kg
Application range	2 g ÷ 50 kg	2 g ÷ 50 kg
Readability	10 µg	1 µg
Load plate diameter	300 mm	300 mm
Dipole moment of magnets	≤ 0,1 Am ²	≤ 0,1 Am ²
Distance platform Z0	18; 20; 27; 35; 43 mm	18; 20; 27; 35; 43 mm
Magnetizing field strenght [A/m]	2700, 2000, 800, 380, 200	2700, 2000, 800, 380, 200
Stabilization time	20 s	20 s
Adjustment	External	
Power supply	12 ÷ 16 V DC	
Terminal housing	ABS plastic	
Terminal display	colour 5,7"(640x480) with a resistive touch screen	
Processor	2 × 1 GHz	
Memory	RAM: 256 MB DDR2, flash: 8 GB microSD	
Interfaces	2×USB host, 2×RS 232, Ethernet 10/100 Mbit, Wireless Module	
Audio module	YES (voice messages support)	
Video support	YES (videos and multimedia instructions)	
Manual on screen	YES	
IN / OUT	4 in / 4 out (digital)	
Ambient conditions:		
Working temperature	+15 ° ÷ +30 °C	
Working temperature change rate	±0,5 °C / 12h (±0,3 °C / 4h)	
Atmospheric humidity	40% ÷ 60%	
Atmospheric humidity change rate	±2% / 4h	
Dimensions:		
Weighing device dimensions	320 × 350 × 240 mm	
Anti-draft chamber dimensions	470 × 660 × 320 mm	