



More information on the website
radwag.com/en/info,w1,R6X

NANO.AK-4/500.5Y Automatic Nano-Mass Comparator



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

Datasheet

Metrological parameters	
E1 Calibration Range	0.05 ÷ 500 mg
E2 Calibration Range	0.05 ÷ 500 mg
F1 Calibration Range	0.05 ÷ 500 mg
F2 Calibration Range	0.05 ÷ 500 mg
Maximum capacity [Max]	510 mg
Readability [d]	10 ng
Standard repeatability [5% Max]	0.04 µg
Standard repeatability [Max]	0.06 µg
Permissible repeatability	0.1 µg
Eccentricity (tested load)	0 mg
Electric compensation range	0 ÷ 510 mg
Stabilization time	30 s
Adjustment	external
Physical parameters	
Display	10" graphic colour touchscreen

Physical parameters	
Magazine positions	4
Weighing pan dimensions	ø20 mm
Weighing device dimensions	385×245×390 mm
Controlling device dimensions	460×250×195 mm
Packaging dimensions	860×750×570 mm
Net weight	21 kg
Gross weight	31 kg
Supplementary weights internal	-
Supplementary weights external	-

Communication interface	
Communication interface	2×USB-A, USB-C, HDMI, Ethernet, Wi-Fi, Hotspot

Electrical parameters	
Power supply	100 – 240 V AC 50/60 Hz

Environmental conditions	
Operating temperature	+15 ÷ +30 °C
Operating temperature change rate	±0.5°C/12h (±0.3°C/4h)
Relative humidity	40% ÷ 60%
Relative humidity change rate	±5%/12h (3%/4h)

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.

* Wi-Fi® is a registered trademark of Wi-Fi® Alliance.



Accessories

RFID Tags
 Antivibration Tables
 Additional modules
 Protective cover for balances
 Barcode scanners
 RS 232, RS 485 cables

THBR 2.0 System - Ambient Conditions Monitoring
 Receipt Printer
 Fingerprint Reader
 RS 232, RS 485 cables
 RS 232 cables (scale - printer)

Software

• RAD Key [WX-010-0005]
 • RMCS System Network Management of Calibration Process [WX-010-0048]

• RMCS Lite [WX-010-0164]