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[radwag.com/en/info,w1,R6X](http://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]