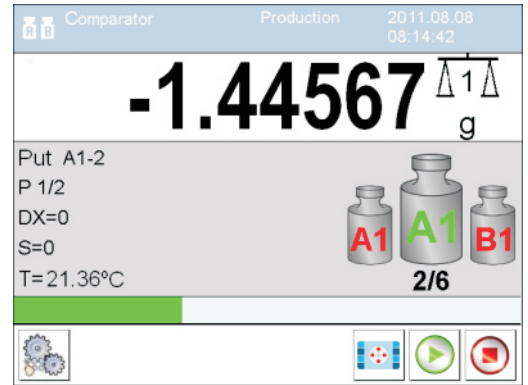
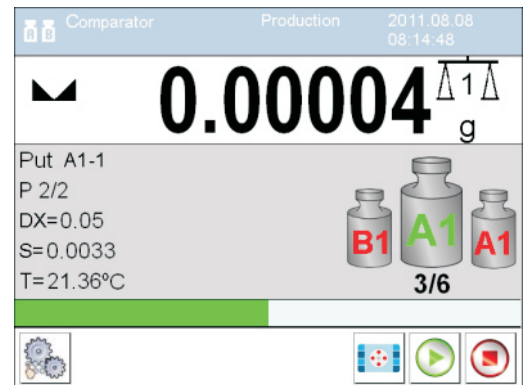


# Automatic mass comparator AKM-4



Weight is placed on a mass comparator  
- disc is lowered



Measurement record

Automatic mass comparators series AKM-4/X are intended to automatic determination of mass deviations in weights with operator's activity limited to the minimum. The comparators enable determining deviations of three tested weights in a single cycle. AKM-4/X are designed to compare weights from 100 g to 2 kg. The instruments are commonly applicable in mass measuring laboratories, and particularly in certification units for weights classes E and F.

The supervising part of a mass comparator is a digital module which cooperates with a controller of instrument's mechanical components. The digital module and the automatic loader are located in mass comparator's weighing chamber. The instrument is operated from level of mass indicating digital display which is plugged to mass comparator's controller. The supervising elements are not integrated with mass comparator's mechanical parts, thus enabling separation of instrument's weighing chamber from ambient conditions influence.

Technical data:			
	AKM-4/500	AKM-4/1000	AKM-4/2000
Max capacity	500 g	1 kg	2 kg
Readability	0,005 mg	0,01 mg	0,05 mg
Repeatability*	0,005 mg	0,01 mg	0,05 mg
Electric compensation range		+/- 10 g	
Supplementary weights		none	
Stabilization time		10 s	
Adjustment		external	
Power supply	110 ÷ 230 V AC / 50 ÷ 60 Hz / 13,5 ÷ 16 V DC / 1,1 A		
Pan size	ø 90 mm		
Weighing unit dimensions	1100×900×810 mm		
Control unit dimensions	300×400×350 mm		
Net weight	130 kg		
<b>Ambient conditions:</b>			
Working temperature	+10° ÷ +40°C		
Change rate of working temperatures	±0,5°C/12h		
Atmospheric humidity	40% ÷ 60%		
Change rate of atmospheric humidity	±2%/12h		

\* 6 cycles ABBA

	AKM-4/500	AKM-4/1	AKM-4/2
1 mg			
2 mg			
5 mg			
10 mg			
20 mg			
50 mg			
100 mg			
200 mg			
500 mg			
1 g			
2 g			
5 g			
10 g			
20 g			
50 g			
100 g	■	■	■
200 g	■	■	■
500 g	■	■	■
1 kg	■	■	■
2 kg			
5 kg			
10 kg			
20 kg			
50 kg			
100 kg			
200 kg			
500 kg			
1000 kg			

PARTNER CORPORATION

Str.Mures, nr.63, Bucuresti, Sect.1, tel/fax:021-2240995 , 021-2242257, www.partner.com.ro, e-mail: office@partner.com.ro