

Analytical balance KERN ACS · ACJ



Entry level analytical balance with high-quality single cell weighing system

Features

- 1 Only ACJ: **Automatic internal adjustment** in the case of a change in temperature > 2 °C or time-controlled every 4 hours
- 2 Only ACS: **Adjusting program CAL**, external test weights at an additional price, page 126
- Dosage aid:** High-stability mode and other filter settings can be selected
- Simple recipeweighing and documenting** with a combined tare/print function. In addition, the mixing ingredients for the recipe are numbered automatically and printed out with their corresponding number and weight value
- Identification number:** 4 numeric positions, printed on calibration protocol

- **Automatic data output** to the PC/printer each time the balance reaches a steady state

Technical data

- Large LCD display, digit height 14 mm
- Dimensions of weighing plate ø 91 mm
- Overall dimensions WxDxH 210x340x325 mm
- weighing space WxDxH 174x162x227 mm
- Permissible ambient temperature 10°C / 30°C
- Net weight approx. 6 kg

Options

- 3 **Data interface RS 232 C** interface cable included, KERN ACS-A01

Single-cell advanced technology:

- **Fully automatic manufactured weighing cell from one piece of material**
- **Stable temperature behaviour**
- **Short stabilisation time:** Steady weight values within approx. 3 sec under laboratory conditions
- **Shock proof construction**
- **High corner load performance**

- 4 **Ioniser** to neutralise electrostatic charge, page 33, KERN YBI-01
- 5 **Weighing table** to absorb vibrations and oscillations, which would otherwise distort the weighing result, page 33, KERN YPS-01
- **Matrix needle printer**, KERN 911-013
- **Thermal printer**, KERN YKB-01N
- **Statistics printer**, KERN YKS-01

STANDARD



FACTORY



STANDARD



OPTION



FACTORY



Model	Weighing range [Max] g	Read-out [d] mg	Verific. value [e] mg	Minimum load [Min] mg	Reproducibility mg	Linearity mg	Options				
							Verification		DKD Calibr. Certificate		
							MI KERN		DKD KERN		
ACS 80-4	80	0,1	-	-	0,2	± 0,3	-	-	963-101		
ACS 120-4	120	0,1	-	-	0,2	± 0,3	-	-	963-101		
ACS 220-4	220	0,1	-	-	0,2	± 0,3	-	-	963-101		
ACS 320-4	320	0,1	-	-	0,2	± 0,3	-	-	963-101		
Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.											
ACJ 120-4M	120	0,1	1	10	0,2	± 0,3	950-101		963-101		
ACJ 220-4M	220	0,1	1	10	0,2	± 0,3	950-101		963-101		
ACJ 320-4M	320	0,1	1	10	0,2	± 0,3	950-101		963-101		