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## The bestseller in analytical balances, with high-quality single-cell weighing system, verification optional

### Features

- KERN ACJ: Automatic internal adjustment in the case of a change in temperature  $\geq 2$  °C or time-controlled every 4 h, guarantees high degree of accuracy and makes the balance independent of its location of use
- KERN ACS: Adjusting program CAL for quick setting of the balance accuracy, external test weights at an additional price, see *test weights*
- Dosage aid: High stability mode and other filter settings can be selected
- Simple recipe weighing and documenting with a combined tare/print function. In addition, the ingredients for the recipe are numbered automatically and printed out with their corresponding number and nominal weight
- Automatic data output to the PC/printer each time the balance is steady
- Identification number: 4 digits, printed on calibration protocol freely programmable
- USB data interfaces and RS-232 for transferring weighing data to the PC, tablet, printer or USB
- Protective working cover included with delivery

### Technical data

- Large LCD display, digit height 14 mm
- Dimensions weighing surface, stainless steel,  $\varnothing 91$  mm
- weighing space WxDxH 174x162x227 mm
- Overall dimensions WxDxH 213x333x338 mm
- Net weight approx. 7 kg
- Permissible ambient temperature 10 °C/30 °C

### 2 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 s under laboratory conditions
- Shock proof construction
- High corner load performance



Model	Weighing capacity [Max] g	Readability [d] mg	Verification value [e] mg	Minimal load [Min] mg	Reproducibility mg	Linearity mg	Options	
							Verification	Calibr. Certificate
KERN								DAkkS accr. KERN
<b>ACS 80-4</b>	82	0,1	-	-	0,2	$\pm 0,3$	-	963-101
<b>ACS 100-4</b>	120	0,1	-	-	0,2	$\pm 0,3$	-	963-101
<b>ACS 200-4</b>	220	0,1	-	-	0,2	$\pm 0,3$	-	963-101
<b>ACS 300-4</b>	320	0,1	-	-	0,2	$\pm 0,3$	-	963-101
Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order.								
The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.								
<b>ACJ 80-4-M</b>	82	0,1	1	10	0,2	$\pm 0,3$	965-201	963-101
<b>ACJ 100-4-M</b>	120	0,1	1	10	0,2	$\pm 0,3$	965-201	963-101
<b>ACJ 200-4-M</b>	220	0,1	1	10	0,2	$\pm 0,3$	965-201	963-101
<b>ACJ 300-4-M</b>	320	0,1	1	10	0,2	$\pm 0,3$	965-201	963-101