



The JSA-180 Dial Scale with Height Meter (VM-SCA180) is a mechanical floor scale with an integrated height rod, offering a 150kg weight capacity and height measurement to 200cm — with no batteries or power supply required. The graduated circular dial delivers an immediate analogue weight reading, while the sliding headpiece height rod supports standing height measurement for BMI calculation and growth monitoring in clinical, school health, and occupational health settings. CE certified.

JSA-180 Mechanical Dial Floor Scale with Integrated Height Meter

The JSA-180 is a mechanical (non-electronic) dial floor scale with an integrated height rod, providing simultaneous weight and height measurement without batteries, power supply or electronic components. Mechanical dial scales of this type are the standard instrument for basic clinical and occupational health weight measurement in settings where simplicity, durability and freedom from power supply constraints are more important than high-precision digital readout or data connectivity. The graduated circular dial provides an immediate, analogue weight reading visible to both the patient and the clinician at a glance, and the integrated height rod provides standing height measurement to 200cm ? giving the JSA-180 the dual-measurement capability required for clinical weight and height recording, BMI calculation and growth monitoring without any additional equipment.

Mechanical Operation: No Batteries, No Calibration Drift

The JSA-180's mechanical mechanism requires no batteries and is not subject to electronic component failure or battery depletion ? an important practical advantage in community health, rural clinic and high-volume school health screening settings where battery management and electronic device maintenance are burdensome. The dial mechanism is factory-calibrated and maintains calibration over normal clinical use, with periodic recalibration performed by zero-adjusting the dial pointer using the built-in zeroing mechanism. The non-slip platform provides stable footing for patients during the weighing event, and the column-format height rod with sliding headpiece measures height accurately when the patient stands in the standard upright position with feet flat on the scale platform.

South African Clinical and School Health Scale Supply

The JSA-180's combined weight and height measurement capability ? essential inputs for BMI calculation and growth monitoring ? in a non-electronic format makes it a reliable, low-maintenance instrument for South African general practice clinics, school health programmes, occupational health facilities, community health centres and any setting where electronic scale availability or maintenance is constrained. Vital Medical supplies the JSA-180 as a practical, cost-effective dual-measurement instrument for routine clinical anthropometry.

Technical Specifications

Specification	Detail
Model	JSA-180
Type	Mechanical Dial Floor Scale with Integrated Height Meter
Capacity	~150kg
Display	Graduated circular dial
Height Measurement	Height rod with sliding headpiece, to ~200cm
Platform	Non-slip platform
Power Source	None (mechanical operation, no batteries required)
Graduation	Dial scale graduation
Height Rod Divisions	0.5cm or 1cm
Quality Standard	CE

SKU: VM-SCA180