



The Charder MS3500 Digital Baby Scale (VM-SBMS3500) is a 20kg-capacity infant and toddler scale with dual graduation — 5g increments below 10kg and 10g increments above — for precise weight measurement from newborn through toddler. Removable infant tray with sloped safety edges for containment during weighing. Hold function locks a stable reading; tare function zeroes out nappy, blanket, or wrapping weight. Compatible with optional stadiometers (HM80DT or HM100D) for height measurement, and supports wireless data transfer to compatible EMR systems via Charder Connect software. Optional carry bag (AR-2491) available for mobile deployment. Available in South Africa from Vital Medical.

Dual-Graduation Infant Weighing from Newborn Through Toddler

The Charder MS3500 (VM-SBMS3500) is a clinical digital scale designed for accurate body weight measurement of infants and toddlers across the full paediatric growth range. Its 20kg capacity accommodates children from birth through the toddler years, and the dual graduation system — 5g increments below 10kg and 10g increments above — provides finer resolution for newborn and young infant measurements where small weight changes are clinically significant, while maintaining adequate precision for older and heavier toddlers. In neonatal and infant care, weight gain or loss in the order of tens of grams can be the primary indicator of feeding adequacy, hydration status, and growth trajectory, making the 5g graduation a meaningful clinical specification. The removable infant tray features sloped safety edges designed to contain and support the infant during weighing, reducing roll risk without requiring manual restraint. When the child is old enough to stand independently, the tray is removed and the scale platform used directly as a standing toddler scale — extending the clinical service life of the unit across a wider age range.

Hold and Tare for Single-Clinician Operation in High-Volume Settings

The hold function locks the displayed weight once a stable reading is achieved, allowing the clinician to note the value after the infant has been removed from the tray and may have resumed movement — eliminating the need for a second person to observe the display during the weighing event. The tare function zeros the scale with a nappy, blanket, clothing item, or other accessory on the tray, ensuring that recorded weight reflects net body weight without requiring mental subtraction or re-dressing the infant. Together, these functions allow reliable, accurate infant weighing by a single clinician in high-volume child health environments including immunisation sessions, growth monitoring programmes, and busy maternity ward rounds where the time per patient encounter is constrained.

Optional Stadiometer, Wireless EMR Integration, and Mobile Deployment

Compatible optional stadiometers — the HM80DT or HM100D — attach directly to the MS3500 and display length or height results on the scale's LCD, with both weight and height data transferable wirelessly to compatible electronic medical record systems via Charder Connect software. This wireless integration eliminates manual transcription of anthropometric measurements into patient records at the point of care, reducing documentation errors and saving consultation time in volume settings such as primary health clinics, school health programmes, and Well Baby clinics. An optional carry bag (AR-2491) enables the MS3500 to be transported between consulting rooms, wards, or

community outreach locations, supporting mobile paediatric health programmes and district-level child health screening. Available in South Africa from Vital Medical, the MS3500 is suited to maternity wards, neonatal units, paediatric clinics, community health centres, and child health outreach programmes.

TECHNICAL SPECIFICATIONS TABLE

Specification	Detail
Brand	Charder
Model	MS3500
SKU	VM-SBMS3500
Type	Digital infant and toddler scale
Capacity	20 kg
Graduation	5g (0–10kg) / 10g (10–20kg)
Infant Tray	Removable, sloped safety edges
Hold Function	Yes
Tare Function	Yes
Optional Stadiometers	HM80DT / HM100D
Connectivity	Wireless data transfer via Charder Connect (EMR compatible)
Optional Carry Bag	AR-2491

SKU: VM-SBMS3500