



The Charder MS5460 Compact Chair Scale (VM-SC5460) is a clinical chair scale designed for weighing patients unable to stand safely on a standard floor scale, including elderly patients, patients with severe mobility impairments, wheelchair transfer patients and post-surgical rehabilitation patients. It has a 250kg capacity with 100g graduation, a DP4400 1.4-inch LCD display, BMI and BSA calculation functions, weight lock and tare, USB data output, swivelling armrests, foldable footrests and four castor wheels with brakes. It measures 1020 × 960 × 590mm and assembles by a single person using tool-free clip fastenings. Available in South Africa from Vital Medical.

Compact Chair Scale for Senior and Differently-Abled Patients

The Charder MS5460 (VM-SC5460) is a clinical chair scale designed for weighing patients who are unable to stand safely on a standard floor scale, including elderly patients, patients with severe mobility impairments, patients requiring wheelchair transfer assistance, and post-surgical patients in rehabilitation who have not yet regained safe standing balance for the duration of a weighing event. The chair configuration allows patients to be weighed in a seated position, eliminating the fall risk associated with requiring a standing weighing event for patients whose balance or lower limb strength is insufficient to maintain a stable standing position for the 1-2 seconds required for standard scale stabilisation.

BSA Function for Clinical Dosing and Cardiac Assessment

Beyond standard BMI calculation, the MS5460 includes body surface area (BSA) calculation, a clinical measurement used in oncology for chemotherapy dosing, in cardiology for cardiac output indexing, and in nephrology for dialysis dose calculations. BSA is less affected by abnormal adipose mass than body weight alone, making it a more accurate metabolic indicator for patients with obesity, oedema or significant muscle mass variation. The inclusion of both BMI and BSA in a chair scale configuration is clinically significant for cancer and cardiac patients who are often unable to stand for standard floor scale weighing.

Practical Design, Data Management and Availability in South Africa

The MS5460's folding frame collapses for transport between clinical areas, swivelling armrests allow lateral patient transfer from a wheelchair without obstruction, and foldable footrests accommodate different patient leg lengths. Four castor wheels with brakes allow the scale to be positioned at the bedside or in any clinical space and then locked in position for the weighing event. Tool-free clip fastenings enable one-person assembly, and USB data output to PC supports electronic patient record integration and GCP/GMP documentation requirements. Available in South Africa from Vital Medical, the MS5460 is supplied to South African hospitals, oncology units, geriatric care facilities and rehabilitation centres. Facilities can request a free quote through the Vital Medical website and receive a personalised response within 24 hours.

TECHNICAL SPECIFICATIONS TABLE

Specification	Detail
Brand	Charder
SKU	VM-SC5460
Model	MS5460
Type	Compact chair scale for senior and differently-abled patients
Capacity	250kg
Graduation	100g
Display	DP4400, 1.4-inch LCD screen
Dimensions	1020 × 960 × 590mm
Functions	BMI, BSA, weight measurement, weight lock, tare
Data Transmission	USB
Wheels	Four castor wheels with brakes
Armrests	Swivelling
Footrests	Foldable
Assembly	Tool-free clip fastenings, one-person

SKU: VM-SC5460