



The WT6002 Pharmacy Scale (VM-WT6002A) is an electronic balance with 600g capacity and 0.01g (10mg) readability for pharmacy compounding, dispensing, and quality control. It features a large glass windshield, Ø115mm weighing pan, backlit LCD display, RS232 interface, zero tracking, auto tare, and level indicator. Optional accessories include a printer, under-hook attachment, rechargeable battery, and remote display. CE, ISO, and RoHS certified.

High-Precision Electronic Balance for Pharmacy Compounding and Dispensing

The WT6002 is a laboratory-grade electronic balance scale with a 600g maximum capacity and

0.01g (10mg) readability, designed for pharmacy compounding, active pharmaceutical ingredient measurement, excipient weighing, and quality control applications where small errors in mass directly affect therapeutic dose. The high-quality load cell provides long-term measurement stability across varying temperature and humidity conditions — a critical requirement in South African pharmacies and compounding laboratories where environmental conditions may differ between air-conditioned dispensing areas and less controlled storage spaces. With a linearity of $\pm 2d$ at maximum capacity, repeatability of 2d, and sensitivity of 1d, the WT6002 performs within the tolerance requirements of routine pharmaceutical dispensing and GMP-compliant compounding workflows.

Glass Windshield, LCD Display, and RS232 Connectivity

At 0.01g resolution, air currents are a primary source of measurement error. The large glass windshield fully encloses the Ø115mm weighing pan to shield it from draughts and ambient air movement, ensuring stable readings in clinical and compounding environments where air conditioning, extractor fans, or foot traffic would otherwise introduce noise at this precision level. The backlit LCD display provides clear readability across variable lighting conditions. Zero tracking and auto tare functions reduce operator steps during sequential weighing, improving workflow throughput in busy dispensing environments. The RS232 interface enables the WT6002 to connect to a computer, pharmacy dispensing system, or label printer for automated data capture — supporting documentation requirements for GMP-compliant compounding records and pharmacy management systems.

Certifications, Optional Accessories, and South African Availability

The WT6002 holds CE, ISO, and RoHS certifications, confirming compliance with international standards for precision weighing instruments in healthcare and laboratory environments. Optional accessories extend the functional range of the unit: a printer for direct weight-ticket output, an under-hook attachment for density determination or suspended weighing, a rechargeable battery for portability, and a remote display for weighing in constrained workspaces. Available in South Africa from Vital Medical, the WT6002 is suited to independent pharmacies, compounding laboratories, hospital pharmacy departments, health clinics, and medical research facilities requiring reliable precision balance weighing at 0.01g resolution.

TECHNICAL SPECIFICATIONS TABLE

Specification	Detail
Model	WT6002
SKU	VM-WT6002A
Type	Electronic Balance Scale
Capacity	600g
Readability	0.01g (10mg)
Linearity	±2d at max capacity
Repeatability	2d
Sensitivity	1d
Tare Range	0 to max capacity
Pan Size	Ø115mm
Display	LCD with white backlight
Windshield	Large glass windshield
Interface	RS232
Functions	Zero tracking, auto tare, level indicator
Optional Accessories	Printer, under-hook attachment, rechargeable battery, remote display
Packing Size	35 × 29 × 16cm
Gross Weight	4kg
Certifications	CE, ISO, RoHS

SKU: VM-WT6002A