



The VM-PTSD01 (Nitrocare SD01) is a multifunctional, hydraulic-adjustable patient transport stretcher designed for emergency, ward, and inter-departmental patient care, surveillance, and transfer. It offers hydraulic height adjustment, Trendelenburg and reverse Trendelenburg positioning via a damper system, and headrest adjustment with a gas-spring damper, all on a stainless and powder-coated metal frame rolling on four 125 mm, 360°-rotating castors with central mechanical braking. The VM-PTSD01 (Nitrocare SD01) ships complete with a height-adjustable IV pole, oxygen cylinder holder, antibacterial and waterproof mattress, urine bag holders, multi-purpose basket, and leg holder set as standard.

Hydraulic Adjustability and Positional Control for Clinical Transport

The VM-PTSD01 (Nitrocare SD01) provides three positional adjustment functions essential to safe patient transport and bedside care: hydraulic hi-lo height adjustment to match diagnostic table heights and support safe transfers, Trendelenburg and reverse Trendelenburg positioning via a controlled damper system, and headrest elevation with a gas-spring damper mechanism for respiratory and comfort positioning. These functions combine to make the stretcher suitable for a

wide range of clinical scenarios, from emergency reception and pre-operative holding to post-procedural recovery and inter-departmental transfer. All adjustments are caregiver-operable without the maintenance overhead or power requirements associated with motorised systems.

Construction, Mobility, and Patient Safety Features

The SD01 frame is constructed from stainless and metal structural components with an electrostatic powder-coated finish to withstand rigorous hospital disinfection protocols. Adjustable and lockable side rails in aluminium and stainless metal provide a continuous fall-prevention barrier for patients in transit. The stretcher rolls on four 125 mm diameter, 360°-rotating import castors controlled by a central mechanical braking bar mounted on the lower front of the frame, enabling single-step parking lock and directional control. Plastic protection bumpers on all corners reduce impact damage to walls and doorframes during busy ward transfers.

Standard Accessories and Availability in South Africa

The VM-PTSD01 (Nitrocare SD01) ships with a comprehensive accessory package: a height-adjustable IV pole, an oxygen cylinder holder, two urine bag holders, a multi-purpose wire basket for patient belongings, a towel rack, accessories slots, a patient restraint belt, and a two-piece leg holder set. The included antibacterial and waterproof mattress is ready for immediate clinical use without supplementary procurement. Available in South Africa from Vital Medical, the VM-PTSD01 (Nitrocare SD01) is suited to hospital emergency departments, surgical units, radiology, and any department requiring a reliable, fully equipped manual transport platform.

Technical Specifications

Specification		Value
Model		Nitrocare SD01
Vital Medical Code		VM-PTSD01

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Stretcher Type	Multifunctional manual hydraulic transport stretcher
Frame Material	Stainless and metal structure, electrostatic powder-coated
Height Adjustment	Hydraulic lift
Trendelenburg / Reverse Trendelenburg	Damper system
Headrest Adjustment	Gas-spring damper system
Side Rails	Adjustable and lockable, aluminium and stainless metal
Castors	4 x 125 mm, 360° rotating
Braking System	Central mechanical bar, lower front
Corner Bumpers	Plastic protection bumpers
IV Pole	Height-adjustable, included
Oxygen Cylinder Holder	Included
Mattress	Antibacterial, waterproof, included
Urine Bag Holders	Included
Multi-Purpose Basket	Included
Towel Rack	Included
Accessories Slots	Included
Patient Belt	Included
Leg Holder Set	2 pcs, included

SKU: VM-PTSD01