



The Anand Portable Foot Suction Unit (VM-SSAF) is an electricity-free suction unit that generates vacuum entirely through foot-pedal action, requiring no mains power or battery. Its piston pump creates vacuum instantly with each pedal stroke, achieving a maximum suction capacity of 600 mmHg ± 10 with an average stroke volume of 200ml. It has a top-view Bourdon-type manometer with a 5cm diameter dial, a 0.3-micron bacterial filter with reusable autoclavable housing, and a 1-litre polycarbonate collection jar autoclavable to 120°C. It weighs 2.5 kg and measures 320 × 170 × 300mm, and it is CE and ISO 9001:2000 certified. Available in South Africa from Vital Medical.

Electricity-Free Suction for Any Setting

The Anand Portable Foot Suction Unit (VM-SSAF) generates vacuum entirely through foot-pedal action, requiring no mains electricity or battery power. An efficient piston pump creates vacuum instantly with each pedal stroke, achieving a maximum suction capacity of 600 mmHg ± 10 with an average stroke volume of 200ml. The top-view manometer uses a 5cm diameter Bourdon-type dial that remains easily visible to the operator during use. A 0.3-micron bacterial filter with reusable, autoclavable housing sits between the collection jar and pump to prevent cross-contamination.

Designed for Portability and Easy Maintenance

Weighing 2.5 kg and measuring 320 × 170 × 300mm, this unit can be operated by a single person unaided and carried to any location. All components, including the 1-litre polycarbonate jar (autoclavable to 120°C), silicone tubes and bacterial filter housing, are designed for easy dismantling, cleaning, disinfection and reassembly in the field. The engineered plastic construction is non-corrosive and resistant to common clinical disinfectants.

Versatile Applications and Supply in South Africa

CE and ISO 9001:2000 certified, the Anand Foot Suction Unit is used wherever powered suction is unavailable or impractical, including field hospitals, aircraft and ambulance pre-hospital care, midwifery and obstetrics, mining medical stations, mountaineering and remote expedition medicine, and on-foot paramedic use. It is equally reliable as an emergency backup device during hospital power outages. Available in South Africa from Vital Medical, the VM-SSAF suits South African facilities needing dependable suction where electricity supply cannot be guaranteed. 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	Anand
SKU	VM-SSAF
Model	Anand Portable Foot Suction Unit
Power Source	Foot-pedal (no electricity required)
Suction Capacity	600 mmHg $\pm$ 10
Average Stroke Volume	200ml
Gauge Type	Bourdon type, 5cm diameter dial
Bacterial Filter	0.3 micron, autoclavable housing
Collection Jar	1L polycarbonate, autoclavable (max 120°C), overflow protection
Accessories	Silicone tubes, tube connectors
Weight	2.5 kg
Dimensions	320 × 170 × 300mm
Quality Standard	CE, ISO 9001:2000

SKU: VM-SSAF