

Simplex Auto

A fully automated pressure sensing technology providing optimal pressure relief for your patients. The intuitive user interface requires only a single touch to set the system up, eliminating the need for tedious and complex set up procedures.

The SIMPLEX AUTO relieves more pressure, more often than any other mattress in its category.



CE

Designed and Manufactured in Ireland

Benefits & Features

Operation

Simple to use pump. Just plug in and switch on.

Auto Adjust

Automatically Adjusts to patient weight. No manual operation required.

Alternating Therapy

10 minute cycle time.
1-in-2 cycle type.

Automatic Profile Inflation

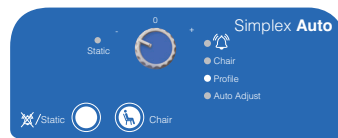
Automatically adjusts the pressures in the mattress when the patient is profiled to maintain optimum pressure relief for your patient.

Comfort Setting

Ability to make a slight adjustment to the firmness of the mattress to enhance individual patient comfort.

Static mode

Provides a stable surface for caring procedures and reverts to alternation mode after 20 minutes.



Power Outage

Dual Layer cell construction that provides at least 21 days of support during a power outage.

Cover

Vapour permeable, multi stretch, PU coated, fluid proof nylon cover with welded seams to prevent fluid ingress.

Alarms

Audible and visible low pressure and power failure alarms.

CPR

Single handed release mechanism located on side of pump.

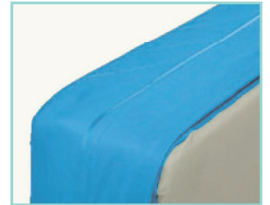
Options

Cushion

Seat/Chairpad cushion that continues therapy while the patient sits out

Evacuation System

Has a built-in evacuation system for rapid and safe evacuation for your patient



References:

- (1) Declaration of Rio de Janeiro on Pressure Ulcers Prevention as a Universal Human Right 2012 <http://www.epuap.org/wp-content/uploads/2012/02/Declaracion-de-Rio-Ingles.pdf>.
- (2) Dealey C. et al, The cost of pressure ulcers in the United Kingdom, Journal of Wound Care, 2012.
- (3) Lozano, R., M. & et al (2010) Global and regional mortality from 235 causes of death for 20 age groups in 1990 and 2010: a systematic analysis for the Global Burden of Disease Study 2010. The Lancet, 380(9859), 2095-128.
- (4) Benbow, M. & Bateman, S. Working towards clinical excellence: Pressure ulcer prevention and management in primary and secondary care. Journal of Wound Care 2012, 21:9, S26-S39.
- (5) Bader DL (1990) Effects of compressive loading regimens on tissue viability. In: Bader DL(ed) Pressure Sores: Clinical Practise and Scientific Approach. London: Macmillan.
- (6) Reswick JB, Rogers JE (1976) Experience at Rancho Los Amigos Hospital with devices and techniques to prevent pressure sores. In: Bedsore biomechanics; proceedings of a seminar on tissue viability and clinical application. Eds. R. M. Kenedi. J.M. Cowden. J. T. Scales. - London: Macmillan.
- (7) Bain D. 2019 Evaluation of Dynamic Simplex Auto Mattress.

Technical Specifications:

Air Supply Controller

- Length: 16.5cm
- Height: 15.5cm
- Depth: 8cm
- Weight: 1kg
- Cycle Times: 10 mins
- Warranty: 1 year

Power Requirement

- Electrical Rating: 220V-240V, 2 Amps
- 50Hz Electrical Leakage: < 820 Microamps
- Electrical Resistance: <150 Mill Ohm

Air Mattress

- Length: 200cm
- Width: 86cm
- Height: 17 cm
- Warranty: 3 year
- Cell Construction: Dual Layer - 1-in-2 Alternating
- Fire retardancy compliant
- Max patient capacity: 180kgs

At Meditec Medical, we are committed to enhancing patient care, through our cutting edge therapeutic support surfaces and dedicated service. We support healthcare professionals and their patients with effective solutions that treat and prevent pressure ulcers. Our Research and Development Team work hand in hand with clinicians to design and manufacture pressure relieving support surfaces and related products.

**Talk
to us:**



Please call us now at: **01 462 4045** or email: **info@meditecmedical.com**