Velashape Alternative Body Sculpting Machine - Official Clinical Overview & Technical Datasheet

CLINICAL HIGHLIGHTS

Non-invasive body sculpting platform designed as a high-efficiency alternative to traditional Velashape systems. Integrates bipolar radiofrequency (RF), vacuum therapy, and mechanical massage to selectively reduce circumference, improve skin laxity, and diminish the appearance of cellulite. No patient downtime and suitable for all Fitzpatrick skin types.

STRUCTURAL CHASSIS OVERVIEW

The system houses a 10.4-inch capacitive touchscreen, integrated vacuum pump assembly, dual-channel RF generator (1MHz), and a closed-loop thermal

monitoring board. The rolling cart (height adjustable 85-115cm) is constructed from medical-grade ABS and powder-coated aluminum. Handpiece connection uses a quick-lock aviation connector with a 2.5-meter shielded cable.

SUPPORTED SKIN TYPES & INDICATIONS

- Fitzpatrick I-VI
- Abdominal circumference reduction
- Thigh and flank contouring
- Bra fat and submental fat pads (off-label with small applicator)
- Cellulite severity reduction (Nurnberger-Muller scale Grade 1-3)

PERFORMANCE SPECIFICATIONS

RF Power Output: 10–150W (bipolar, 1MHz)

Vacuum Pressure: -5 to -60 kPa (continuous or pulsed)

Mechanical Massage: 2–10 Hz oscillation amplitude 3mm

Treatment Modes: Continuous, Pulse, Synergy (RF+Vac+Massage simultaneous)

Temperature Control: Real-time contact thermistor cut-off at 43°C epidermis

Parameter	**Specification**
RF Frequency	1 MHz Bipolar

RF Output Power	10 – 150 W (adjustable in 5W steps)
Vacuum Pressure	-5 to -60 kPa ±10%
Mechanical Vibration	2–10 Hz, amplitude 3mm
Treatment Applicator	50 x 90 mm contact surface (standard)
Display	10.4'' Resistive Touch, 800x600
Dimensions (Cart)	490(L) x 550(W) x 850-1150(H) mm
Weight (Main Unit)	32 kg (70.5 lbs)
Power Supply	AC 110-240V, 50/60Hz, 800VA
Safety Cut-off	43°C epidermal temperature

ACCREDITATIONS MATRIX

CE (Medical Device Directive 93/42/EEC) – Class IIa

FDA 510(k) – Cleared for general body contouring (KXXXXXX)

ISO 13485:2016 – Certified manufacturing facility

IEC 60601-1, IEC 60601-2-2, IEC 60601-1-6 (Usability)

RoHS 3 and REACH compliant

TREATMENT SCHEMATIC

Recommended Protocol: 6–8 sessions spaced 5–7 days apart. 20–30 minutes

per treatment area. Vacuum set to moderate grasp (30–40 kPa), RF energy titrated to patient tolerance (typically 38–42°C subdermal). Slow overlapping passes (2-3 cm/sec). Visible improvement after 3 sessions; maximal results at 12 weeks post-treatment course.