Product datasheet

Combi 200

reddot design award
winner 2017

The Combi 200, for electrotherapy, ultrasound therapy and combination therapy

The Combi 200, a portable touchscreen device with 2 independent channels. Fingertip control for the various types of electrotherapy current, ultrasound, combination and simultaneous therapies. Equipped with electrotherapy protocols for pain control and muscle stimulation.

Article number: 320.210 Combi 200 white
320.310 Combi 200 carbon black

Characteristics

- Therapies:
  - Electro therapy, 2 and 4 poles, 2 channels completely independent
  - S-D curve diagnostic programs
  - Ultrasound therapy
  - Simultaneous therapy (2 different indications treated simultaneously by using electro and ultrasound therapy)
  - Combination therapy (treating one injury simultaneously using a combination of electro and ultrasound therapy)
- Currents: 25
  - Current forms: See next pages
- Ultrasound:
  - Multifrequency head (1 and 3 MHz), 4 cm²
  - Continuous and pulsed mode (10–20–30–40–50-100%)
  - Acoustic and visual contact control led
  - 2 ultrasound output connectors
- Functionalities:
  - Objectives: 143
  - Indications: 207
  - Default therapy programs: 30
  - Diagnostic: 12
  - Free memory: 50
- Can be connected to the Vaco 200

Technical specifications

Languages	: 12
Mains voltages	: 100-240-VAC, 50/60 Hz +/- 10%
Max. Power–in operation	: 85 VA
Dimensions (b x h x d)	: 268 x 124 x 295 mm
Weight	: ca. 4 kg
Safety	: Class I
Isolation	: Type BF
MDD classification	: IIa
Safety examination	: CE from conformity with Directives MDD 93/42/EEC

Standard accessories

100 689	Mains lead
340 670	2-pole patient cable with 2mm fiche (2)
330 803	Test plug, F/F, 2 mm
340 468	Rubber electrode, 6 x 8 cm 2mm fiche (4)
100 658	Chamex bag, 6 x 8 cm (4)
108 935	Fixing strap, elastic, 5 x 60 cm (4)
115 684	Visual Analogue Scale (VAS-Score)
320 114	US-head, multi-freq., ERA 4 cm², incl. holder
341 088	Contact gel, 500 ml

Manuals

323 011	Safety Instructions
376 134	Quick Start Manual
376 126	CD user manual Gymna devices multi language

Optional accessories

320 111	US-head, multi-freq., ERA 1 cm² incl. holder
302 955	Carrying bag 200 series
114 142	Pen electrode with sponge, Ø 15 mm
109 944	Sponge for pen electrode (10)
329 978	Vaginal probe Novatys Gold
330 594	Vaginal probe V2B+
330 572	Vaginal probe Optima 3
330 583	Vaginal probe Perisize 4+
329 989	Anal probe Analia
330 561	Anal probe Analys+
112 166	Stimulation probe, rectal
326 799	Electrode adhesive, Ø 3 cm (4)
326 810	Electrode adhesive, 2.5 x 5 cm (4)
326 821	Electrode adhesive, 5 x 5 cm (4)
326 832	Electrode adhesive, 5 x 10 cm (4)
340 446	Rubber electrode 4 x 6 cm 2mm fiche (2)
340 481	Rubber electrode 8 x 12 cm 2mm fiche (2)
108 934	Fixing strap, elastic, 5 x 30 cm
108 936	Fixing strap, elastic, 5 x 120 cm
100 657	Chamex bag, 4 x 6 cm (4)
100 659	Chamex bag, 8 x 12 cm (4)
341 099	Contact gel, 5L
341 121	Pump, 5L
320 804	Gymna mobile
340 428	Adaptor cable 2mm (F) → 4 mm (M)
329 956	Incontinence cable 2-pole 2mm

Version number: 1.5

	COMBI 200L	COMBI 200	DUO 200	MYO 200	PULSON 200	VACO 200
Therapies						
Electrotherapy (2 independent channels)	■	■	■	■		
Ultrasound therapy (1&3 MHz)	■	■			■	
Laser therapy (optional)	■					
Combination therapy	■	■				
Simultaneous therapy	■	■	■	■		
Pelvic re-education therapy				■		
Muscle re-education therapy				■		
Vacuum						■
User-interface						
Touchscreen navigation	■	■	■		■	
Push Buttons for navigation				■		
Monochrome LCD with backlight (1/4 VGA)	■	■	■	■	■	
2 separate intensity regulators	■	■	■	■		
Direct therapy keys	■	■	■	■	■	
Protocols: Objectives & Indications list	■	■	■	■	■	
Diagnostics S/D curves (Rheobase, Chronaxy, …)	■	■	■			
Diagnostics (Rheobase, Chronaxy, …)				■		
Contra-indications list	■	■	■	■	■	
Memory: 50 free locations (Myo: 20)	■	■	■	■	■	

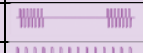
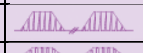
■ = Standard

o = Optional

	COMBI 200L	COMBI 200	DUO 200	MYO 200	PULSON 200	VACO 200
Ultrasound therapy						
Treatment head 4 cm^2 (1 &3 MHz, multifrequent)	■	■			■	
Treatment head 1 cm^2 (1 &3 MHz, multifrequent)	o	o			o	
Acoustic and visual contact control led	■	■			■	
Laser therapy						
Monoprobe: max. average power: 70,5 mW	o					
Clusterprobe: max. average power: 4 x 12,6 mW	o					
Myofeedback therapy						
Electro myography (2 individual EMG channels)				■		
Pressure myography (1 channel)				■		
Combination therapy						
Ultrasound + Conventional TENS	■	■				
Ultrasound + Burst TENS	■	■				
Ultrasound + Random Freq TENS	■	■				
Ultrasound + 2-pole Medium frequency	■	■				
Simultaneous therapy						
Electrotherapy (2-pole) + Laser (optional)	■					
Electrotherapy (2-pole) + Ultrasound	■	■				
Ultrasound + Laser (optional)	■					
Electrotherapy (2-pole) + Electrotherapy (2-pole)	■	■	■	■		
Electrotherapy & Myofeedback (on 2 channels)				■		
Myofeedback EMG (on 2 channels)				■		
Myofeedback EMG + Pressure				■		
Vacuum						
2 independent channels						■
Electronic vacuum control						■
Continuous & pulsed rhythm						■
Connectable in combination with	■	■	■	■		
Myo PC Software package						
Patient database				■		
Pelvic & muscle re-education protocols				■		
Optimal graphical visualization				■		
Comprehensive reporting function				■		

■ = Standard

o = Optional

Electrotherapy		COMBI 200L	COMBI 200	DUO 200	MYO 200	PULSON 200	VACO 200
Unidirectional currents							
Rectangular pulse		■	■	■	■		
2-5 current (Ultra Reiz)		■	■	■	■		
Triangular pulse		■	■	■	■		
MF rectangular pulse		■	■	■	■		
Iontophoresis-MF rectangular pulse		■	■	■			
Diadynamic currents							
MF		■	■	■	■		
DF		■	■	■	■		
CP		■	■	■	■		
LP		■	■	■	■		
TENS currents							
Conventional TENS		■	■	■	■		
Low frequency TENS		■	■	■	■		
Burst TENS		■	■	■	■		
High Frequency TENS		■	■	■	■		
Random frequency TENS		■	■	■	■		
Han Stim (via painrelief)		■	■	■	■		
NMES currents							
Rectangular surge		■	■	■	■		
Triangular surge		■	■	■	■		
Biphasic surge		■	■	■	■		
Intrapulse interval surge		■	■	■	■		
Russian stimulation		■	■	■			
2-pole MF surge		■	■	■	■		
Isoplanar vector field surge (4-pole I.F. surge)		■	■	■	■		
Interferential currents							
2-pole medium frequency		■	■	■	■		
Isoplanar vector field–		■	■	■			
Dipole vector field (4-pole I.F. vector)		■	■	■	■		
Classical interferential (4-pole I.F.)		■	■	■	■		
Diagnostic programs							
Rheobase, Chronaxy, AQ		■	■	■	■		
S-D curves		■	■	■			
Pain points		■	■	■	■		
Diagnose stress fracture		■	■			■	
Constant voltage/Constant current		■	■	■	■		

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