

Product datasheet

gymna[®]

Vaco 400

Vacuum unit with 2 independent channels.

Modular vacuum unit for the application of electrotherapy using vacuum electrodes. The Vaco 400 is a 'low noise' vacuum suction unit for fast and efficient electrode placement.

Controlled by the user interface of the Combi 400 or Duo 400.



Article number: 360 480 Vaco 400 white
360 680 Vaco 400 black

Characteristics

■ Vacuum unit with 2 independent channels

- 2 or 4 poles
- Electronic vacuum control
- Continuous and pulse mode
- Integrated massage function

■ Vaco 400 can be connected to:

- Combi 400
- Duo 400

Technical specifications

Modular vacuum unit powered by the Combi 400 or Duo 400

Dimensions (bxhxd) : 360 x 70 x 285 mm

Weight incl. accessories : ca. 3 kg

Standard accessories

340 615	Vacuum tube, dark grey, (2)
340 604	Vacuum tube, light grey, (2)
340 626	Vacuum electrode - Ø 60 mm, (2) (2x)
340 648	Sponge for vac. electrode - Ø 60 mm, (4)
318 164	ET Cable 5p Vaco/Electro 400/Guidance
318 167	Com/Pow Cable 6p Vaco/Electro 400 /Guidance













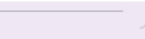







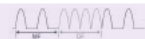
















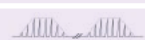








Manuals

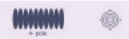
323 011	Safety Instructions
362 516	CD user manual Gymna devices multi language





Optional accessories

340 637	Vacuum electrode - Ø 90 mm, (2)
114 687	Sponge for vacuum electrode - Ø 90 mm, (4)
360 808	Gymna Mobile 400
360 819	Vaco extension cableset Mobile 400
360 830	Vaco cupholder on Mobile 400

	COMBI 400V & 400 VIP	DUO 400V & 400 VIP	COMBI 400 & 400M	DUO 400 & 400M	PULSON 400 & 400 M
Therapies					
Electrotherapy (2 independent channels)	■	■	■	■	■
Ultrasound therapy (1 & 3 MHz)	■	■	■	■	■
Laser therapy (optional)	■	■	■	■	■
Combination therapy	■	■	■	■	■
Simultaneous therapy	■	■	■	■	■
Vacuum	■	■	■	■	■
User-interface					
Full colour TFT display, 10.4 inch (SVGA: 800 X 600 pixels)	■	■	■	■	■
Touch screen	■	■	■	■	■
Customisation wizard	■	■	■	■	■
Colour guided therapy methods	■	■	■	■	■
Enlarged therapy windows in dashboard design	■	■	■	■	■
2 separate intensity regulators	■	■	■	■	■
Guided Therapy System (GTS)	■	■	■	■	■
Medical E-book: anatomical library	■	■	■	■	■
Help and Clinical information screens	■	■	■	■	■
Direct therapy keys	■	■	■	■	■
Protocols: objectives, list of indications, selection for each body area	■	■	■	■	■
Protocols: cellular effects [heal the tissue]	■	■	■	■	■
3D pictures of electrode placement	■	■	■	■	■
Diagnostics (S-D curve, Rheobase, Chronaxy, ...)	■	■	■	■	■
Contra-indications list	■	■	■	■	■
Memory (free locations)					
500 for favourites/own programs	■	■	■	■	■
200 for diagnostic results	■	■	■	■	■
100 for own sequential programs	■	■	■	■	■
50 for shared programs on multiple devices	■	■	■	■	■

Electrotherapy		COMBI 400V & 400 VIP	DUO 400V & 400 VIP	COMBI 400 & 400M	DUO 400 & 400M	PULSON 400 & 400 M
Unidirectional currents allowed with: 						
Direct current		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rectangular pulse	 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2-5 current (Ultra Reiz)	 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Triangular pulse	 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MF rectangular pulse	 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Iontophoresis- MF rectangular pulse	 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Iontophoresis- direct current	 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diadynamic currents						
MF	 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DF	 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RS	 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CP	 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LP	 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TENS currents						
Conventional TENS	 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Low frequency TENS	 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Burst TENS	 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High frequency TENS	 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Random Frequency TENS	 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Han Stim (via painrelief)	 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NMES currents						
Rectangular surge		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Triangular surge		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Biphasic surge		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Intrapuls interval surge	 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Russian stimulation	 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2-pole MF surge		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Isoplanar vector field surge	 	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

			COMBI 400V & 400 VIP	DUO 400V & 400 VIP	COMBI 400 & 400M	DUO 400 & 400M	PULSON 400 & 400 M
Interferential currents							
2-pole Medium Frequency			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Isoplanar vector field			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dipole vector field			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Classical interferential			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Micro current							
Micro current			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Micro current modulated			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Micro current surge			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High Voltage (HVPC)							
High Voltage			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High Voltage surge			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diagnostic programs							
Rheobase and Chronaxy			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rheobase and AQ			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
S-D curve rectangular			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
S-D curve triangular			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
S-D curve rectangular + triangular			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pain points			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diagnose stress fracture			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Iontophoresis programs							
Iontophoresis programs			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Phonophoresis programs							
Phonophoresis programs			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Constant Voltage / Constant Current			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ultrasound therapy							
Hybrid treatment head 4 cm ² (1 & 3 MHz, multifrequent)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hybrid treatment head 1 cm ² (1 & 3 MHz, multifrequent)			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	COMBI 400V & 400 VIP	DUO 400V & 400 VIP	COMBI 400 & 400M	DUO 400 & 400M	PULSON 400 & 400 M
Laser therapy 					
Monoprobe 400: max. average power: 70,5 mW	○		○		
Clusterprobe 400: max. average power: 4 x 12,6 mW	○		○		
Combination therapy 					
See electro currents with 	■		■		
Simultaneous therapy					
Electrotherapy (2-pole & 4-pole) + Laser (optional)	■		■		
Electrotherapy (2-pole & 4-pole) + Ultrasound	■		■		
Ultrasound + Laser (optional)	■		■		
Electrotherapy (2-pole) + Electrotherapy (2-pole)	■	■	■	■	
Vacuum 					
2 independent channels	■	■			
Electronic vacuum control	■	■			
Continuous & pulsed rhythm	■	■			
Massage effect	■	■			
Control via Combi 400 or Duo 400	■	■			
Vacuum screen in dashboard design	■	■			

■ = Standard
○ = Optional