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Dispenser DP30 Infiltration Pump





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Dispenser DP30

The tumescent infiltration pump for
venous treatment (Varicose veins)

The percentage infiltration quantity is controlled using the rotary potentiometer at the device or the ON/OFF or Vario-pedal





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Application

Tumescence, Vein surgery



**The gold standard Infiltration pump
for use in
Varicose Vein Treatments**

**Officially approved
and tested from Dr. MarkusENZler
(ESVS / European Society of Vasc. Surgery)**



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Advantages

- ✓ continuously variable and accurately adjustable infiltration performance
- ✓ small, ergonomic & floating design, easy to clean
- ✓ built in low noise peristaltic pump – easy to load and to avoid any breakage of the pump from external influences
- ✓ automatic stop function if pump head will openend
- ✓ control unit fully sealed from integrated irrigation pump – no risk of water damages
- ✓ high time saving compared to time-consuming injection of the infiltration quantity
- ✓ protected plugs and and power socket
- ✓ integrated bottle holder
- ✓ easy handling with low maintenance effort

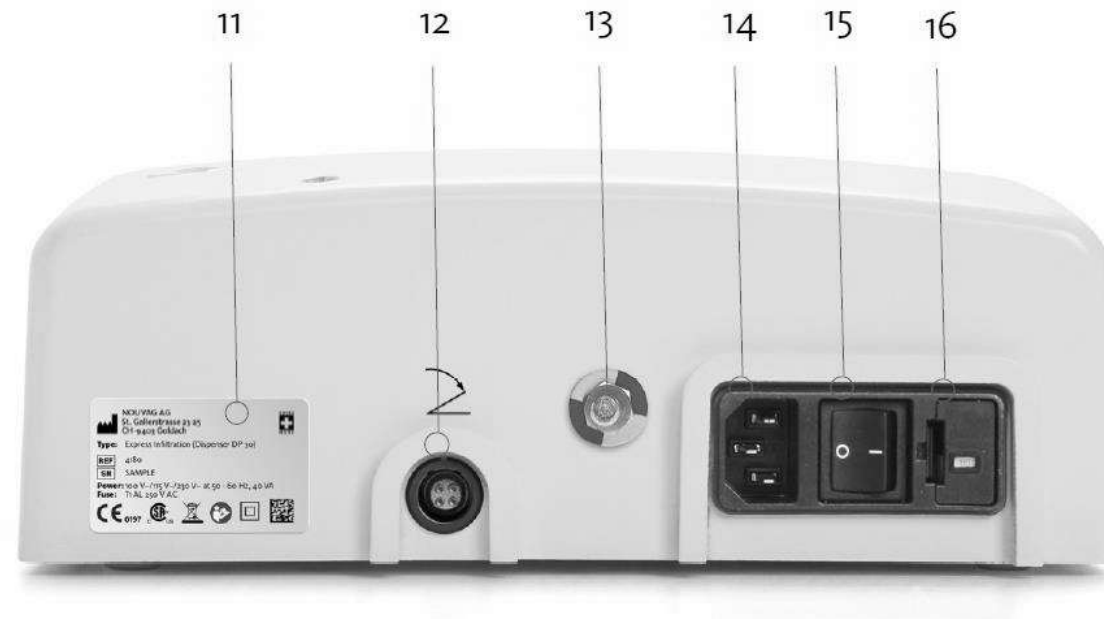
Device overview

Front view



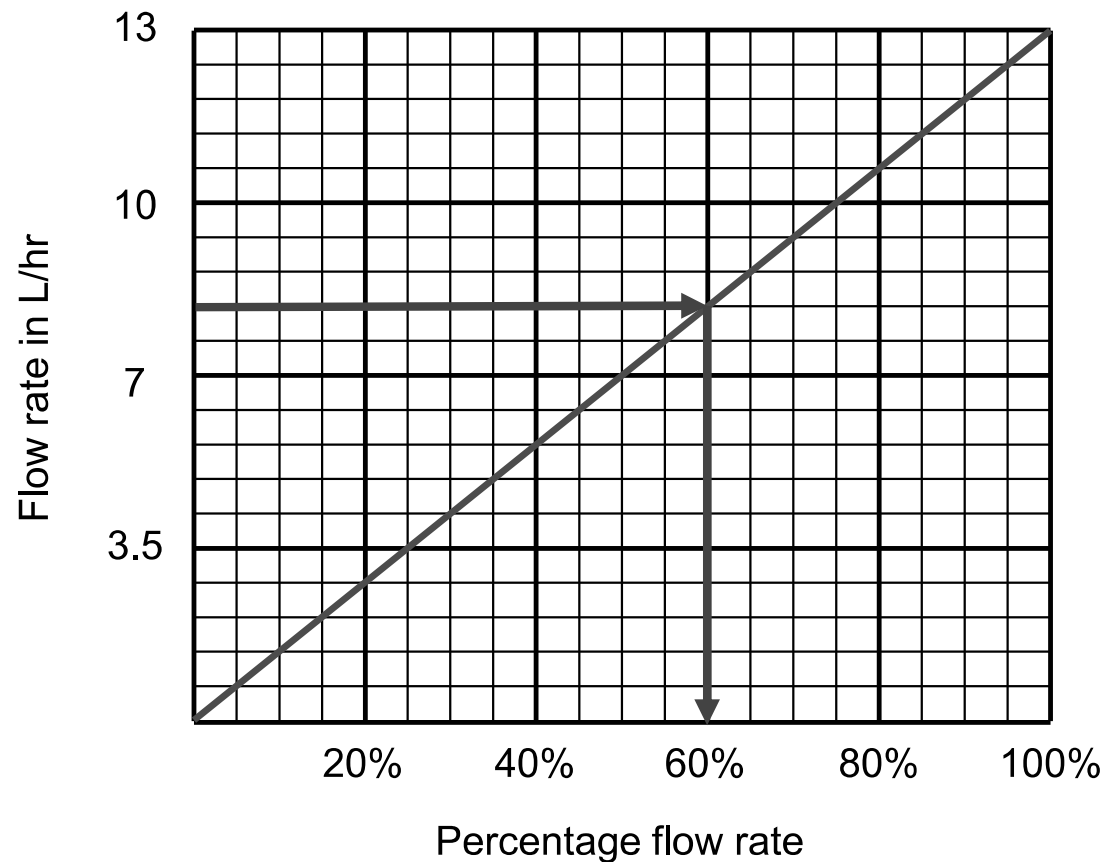
1. Indicator light for Power On/Off
2. Operating panel with pump displacement scale
3. Control dial to set pump displacement volume
4. Release key for tubing set bracket
5. Peristaltic pump
6. Tubing set
7. Stand for irrigation fluid bottle
8. Roller clamp
9. Air filter
10. Irrigation fluid

Rear view



11. Type plate with type designation, reference number, serial number, information on power supply and device fuse
12. Pedal socket, device rear
13. Potential equalization
14. Power entry module with power plug socket
15. Power entry module with power switch
16. Power entry module with national voltage setting

Flow rate setting



Example: 8 Liter/hr are 60%





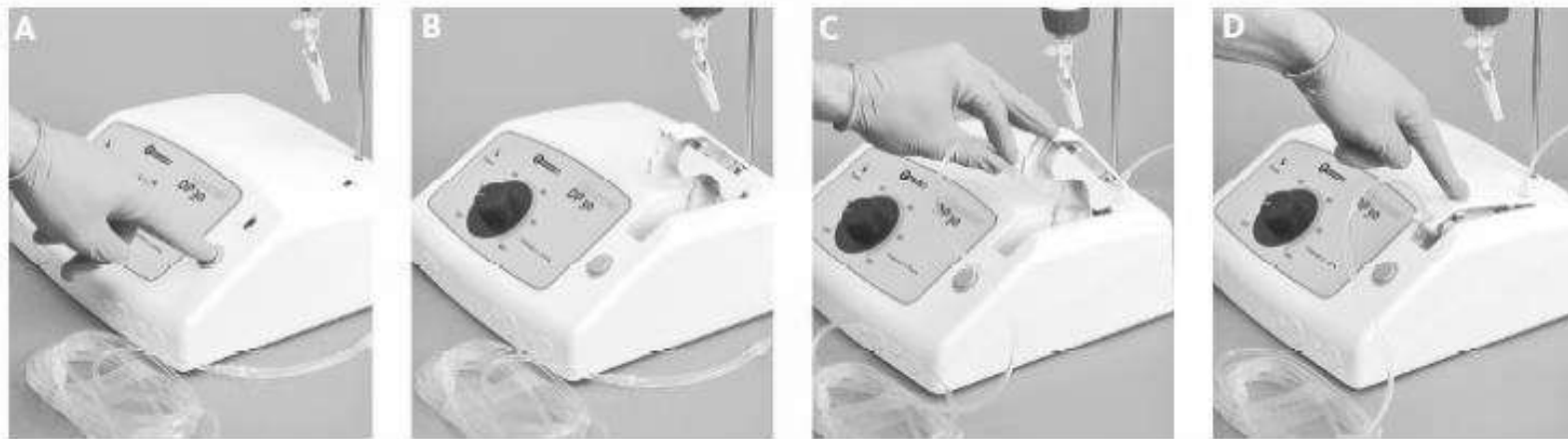
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Peristaltic pump

- ✓ The sterile packed irrigation tubing fittings with installed filtered aeration can be fixed easily and fast into the peristaltic pump
- ✓ Delivery volume is adjustable and is linearly proportional to speed and directly influenced by the dimensions of the tubing
- ✓ to suit the chemical and thermal requirements
- ✓ Non-contamination and sanitary features after use
- ✓ Fluids or media move through the tubing only.
No pump part becomes wetted
- ✓ The tubing can be changed very easily with pressing one button.

Insert the tubing set



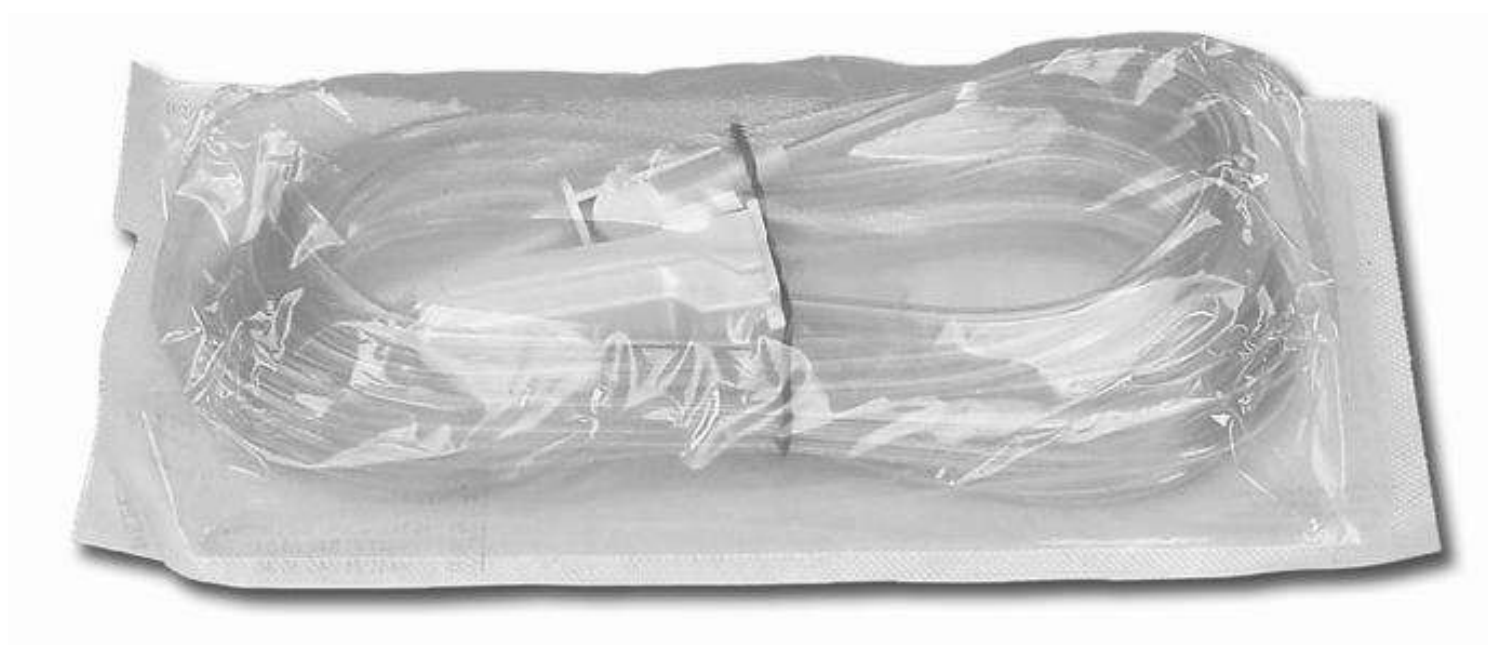
- A) Press the button (on top of the control unit) to open the pump.
- B) The compartment with the integrated tubing bracket opens.
- C) Place the tubing set into the tubing bracket provided in such a way that the end of the tubing set with the spike exits the pump to the rear of the control unit. Check that the tubing is secure.
- D) With the tubing set inserted, press the compartment downwards until it clicks into place.

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Tubing set Sterile – 4 meters



Foot pedals

- ✓ watertight integrity IPX8
- ✓ Operation capable

ON/OFF-Foot pedal:



Vario-Foot pedal:





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Scope of delivery

Ref.	Description	Quantity
31678	Dispenser DP 30 Operation Instructions on CD-ROM	1 unit
4180	Dispenser DP 30 control unit	1 unit
6022	Tubing set, sterile, 4 m, single-use	1 unit
1770	Stand for irrigation fluid bottle	1 unit
Elective:		
Set No. 4186, Dispenser DP 30 control unit with ON/OFF pedal		
1513	ON/OFF pedal, IPX8	1 unit
Set No. 4187, Dispenser DP 30 control unit with VARIO pedal		
1501	VARIO pedal, IPX8	1 unit



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Technical data, Dispenser DP 30

Voltage: -----	switchable: 100 V~/ 115 V~/ 230 V~, 50–60 Hz
Fuse, power supply: -----	(2 fuses) T 1 AL 250 V AC
Power consumption: -----	40 VA
Volumetric displacement: -----	0 – 12.5 l/h
Maximum pressure with closed tube set: -----	2.0 bar
Protection class: -----	Class II
Applied part (Applied part is the tube set with its attached instruments): -----	Type BF
Dimensions (W x D x H): -----	260 x 250 x 110 mm
Net weight control unit: -----	2.4 kg

The mentioned volumetric displacement is only valid for aqueous solutions without any instrument connected.

We assure absolute reliability!



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