

# MPP UNO



**MPP UNO - fully automatic filling- and sealing machine for 0.25 and 0.5 ml straws**



## Your benefits

- compact, robust and economical machine for commercial semen production or laboratory research, suitable for all animal species
- flexible use for 0.25 or 0.5 ml straws
- 1 by 1 cycles and short semen runs are specially appropriate for small volumes and valuable ejaculates

## **: Product features**

- The MPP UNO seals and fills 1 straw per cycle. The sealing is performed by means of ultrasonic welding.
- Conversion between 0.25 ml straws and 0.5 ml straws, without exchanging any parts, within only 3 minutes. The exchangeable hoppers hold either 2.200 straws of 0.25 ml or about 1.300 straws of 0.5 ml.
- The very compact device requires little space. The vacuum pump and the pressure controller are integrated in the device. The ultrasound generator in an extra casing can be mounted at a distance of up to 2.5 m. ON/OFF switch directly on the machine.
- The filling and sealing area is completely closed: Best hygienic and safety conditions are therefore fully guaranteed. Optimal control by the user: the filling process is performed right in front of him.

# MPP UNO

- Easy adjustment of the filling duration is possible during the filling procedure: gradual extension or reduction of the filling times with + and - buttons. Fast selection of two user defined filling duration times by means of a switch. In that way the optimal plug humidity is adjustable without any loss of semen. This is ideal, for example, for users of two different extenders with higher and lower viscosity.
- Sensor for the vacuum adjustment with large digital display for the actual measured vacuum pressure value. Fast adjustment of vacuum value with built-in ↑ and ↓ buttons. Fast selection of two pre-adjustable vacuum values is possible: a low flow rate for very sensitive sperm cells or a normal filling speed.
- Sealing point of the straw with H-cross-design: no width extension, no kinking. Therefore ideal conditions for counting devices and packing in goblets. The sealing doesn't increase its cross section after extended use like with other conventional systems.
- Fast exchange of filling and suction nozzles between the ejaculates due to magnetic holders.
- No wearing parts. Very fast and easy cleaning.

## : Technical data:

- Filling speed: approx. 1 straw per second, up to 4,235/hour
- Machine dimensions: 46 x 32 x 41 cm (W x H x D)
- Dimensions ultrasound generator: 31 x 45 x 13 cm (W x H x D)
- Power supply: 110V / 60Hz or 230V / 50Hz, with earthed standard outlet

MPP UNO, complete REF. :13017/0000



## : Accessories

Exchangeable straw hopper	REF. :13017/0005
Filling nozzle 0.25 ml	REF. :13017/0012
Suction nozzle 0.25 ml	REF. :13017/0022
Filling nozzle 0.5 ml	REF. :13017/0017
Suction nozzle 0.5 ml	REF. :13017/0027
Washer, 5000/bag	REF. :13021/3000
Filling tubing, 100/bag	REF. :13021/3800

Minitüb GmbH  
Hauptstrasse 41  
84184 Tiefenbach  
Germany



Our Knowledge - Your success

Phone: +49 (0) 8709 9229 0  
Fax: +49 (0) 8709 9229 39  
E-Mail: [minitube@minitube.de](mailto:minitube@minitube.de)  
Internet: [www.minitube.de](http://www.minitube.de)

REF: 30000/  
0-2009