



MPP QUATTRO



Fully automatic semen production for optimal efficiency



Fast, robust and easy to operate filling and sealing machine with broad application range:

- Use as stand-alone or combined with MiniJet printer
- Automatic filling and sealing of both 0.25 and 0.5 ml straws
- For ejaculates of different species
- Operation in cooled condition or at room temperature

MPP Quattro

REF.: 13018/0000

CombiSystem

combination of MPP Quattro and MiniJet

REF.: 13018/0002

Your benefits

- Very fast filling and sealing procedure of up to 15.000 straws per hour.
- Convert from 0.5 ml to 0.25 ml straws and vice versa in seconds, without changing a single part.
- Filling of 1 to 4 straws at a time: freely selectable by the operator.
- Semen-saving option: when ejaculate is almost finished, active filling needles are automatically reduced from 4 to 1 and residual semen from inactive needles runs back into reservoir.
- Quick preparation for a new ejaculate: filling head contains all four filling needles and can be changed fast and easy.
- Very quick and easy exchange of the compact sealing unit secures operation reliably and greatly improves service options.
- Highest hygienic and safety conditions due to completely closed filling and sealing area.
- Longtime proven, reliable Minitube design, build and service quality.



Technical features

- Filling and sealing machine with a capacity of up to 4 straws per cycle (filling speed: 15000 straws/hour).
- Colour coded touch-screen for easy operation. Continuous display of number of filled straws, machine status, straw size. Error notification in wording.
- Latest PLC microprocessor control technology.
- Balance and bubble detection sensor for recognition of ejaculates coming to end.
- Exchangeable compact ultrasound sealing unit with worldwide service network.
- Vacuum unit with integrated reservoir and automatic readjustment function. Vacuum level is displayed and can be easily modified via buttons.
- Hopper capacity: 2200 mini straws (0.25 ml) or 1300 medium straws (0.5 ml).
- Very compact machine, modest space requirement:
 - MPP Quattro: 650 x 390 x 500 mm (W x H x D)
 - Control unit: 380 x 400 x 220 mm (W x H x D)
 - If applied as CombiSystem: MiniJet (490 x 450 x 290 mm), transport unit with print head (730 x 500 x 260 mm)
- Power supply: 110 V/60 Hz or 230 V/50-60 Hz

Accessories

(1) Filling head 0.25 ml [REF. : 13018/0012](#)

Filling head 0.5 ml [REF. : 13018/0017](#)

(2) Suction head 0.25 ml [REF. : 13018/0022](#)

Suction head 0.5 ml [REF. : 13018/0027](#)

(3) Hopper [REF. : 13018/0006](#)

Collection tray for straws, stackable [REF. : 13012/0003](#)

(4) Fixing unit

for easy, needle-protective handling during sterilisation and preparation, for max. 20 filling and suction heads

[REF. : 13017/0050](#)

Washer for suction and filling heads

Package size: 5000/bag [REF. : 13021/3001](#)

Package size: 2000/bag [REF. : 13021/3002](#)

Tubing (100/bag) [REF. : 13021/3800](#)

(5) Semen cone (100/bag) [REF. : 13018/0100](#)

Straw seal tester

for 10 straws per cycle (0.25 ml / 0.5 ml) [REF. : 13019/0210](#)

