Equine Ovum Pick Up (OPU)



Probe holder and double lumen needle for follicle aspiration

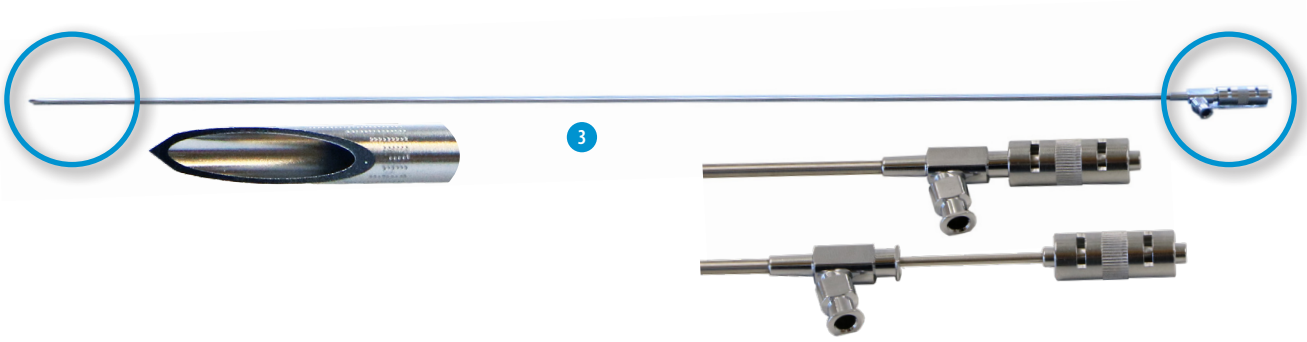
Product features

- The probe holder has a needle guide included and is used with the double lumen needle: The two spaces allow simultaneous or alternating aspiration and injection of fluids into and from the follicles
- The OPU needle is connected to the equine OPU pump *(see next page)*

Probe holder [1]	
for GE micro convex probe 8C-RS	19009/3099
for Esaote micro convex probe SC3123, mC 3-11	19009/3098
for Sonosite micro convex probe C11	19009/3097
for BCF micro convex probes 65C15EAV and 6C2S	19009/3096
for Mindray micro convex probe C11-3s	19009/3095
Cover for probe holder, 144/package	23360/1260
Transport case for OPU probe holder, aluminum, 100 x 30 x 12 cm [2]	23360/0200
Double lumen needle, 12 G, 25“, consists of outer needle and inner cannula [3]	19009/3105
Replacement needle, 12 G, 25“	19009/3106
Tubing system	19009/4101







+ Your benefits

+ Slim, ergonomic design of the probe holder allows for easy handling
+ Optimal geometry promotes high animal welfare
+ Probe holder warms up to body temperature quickly
+ Screw-on handle can variably be attached to either side as needed
+ Optimized outlet for double lumen needle enables excellent needle control
+ Echogenic needle tip
+ Metal connections of needle are tight, providing safe passage for oocytes
+ Lightweight construction and balanced weight distribution reduce operator fatigue and improve ergonomics
+ Solid transport case available as accessory
+ Easy to clean (few fixation holes)

Aspiration and flushing pump for equine OPU

Two pumps and a warming block are combined in one unit for convenient oocyte aspiration, accommodating either 250 ml or 500 ml bottles.

The device is used to aspirate follicular fluid from equine follicles and to inject medium into these follicles. Flushing can be performed simultaneously or alternately with aspiration. The process of repeated follicular flushing results in a significant increase in equine oocyte recovery rates.

Pressure level and hysteresis are user programmable. The pump is operated by footswitches. The collection and flushing medium is warmed in a warming block.

The oocytes are flushed directly into a bottle filled with pre-warmed medium. The oocytes are stored in the medium at the optimal temperature range for oocytes (we recommend +36°C to +38°C). The standard temperature is set at +37°C. The LC display with digital control allows convenient adjustment and precise monitoring of both the aspiration vacuum and the warming block temperature.

The pump is supplied with tubing sets, bottles with caps/ stoppers, and hydrophobic filters.

Technical features

- Ambient temperature: +5°C to +45°C
- Dimensions: 420 x 350 x 220 mm (W x H x D)
- Weight: approx. 14 kg
- Relative vacuum pressure: prel = max. - 300 mmHg
- Pressure: max. approx. 750 mmHg

Learn more



Aspiration and flushing pump for equine OPU	
for 250 ml bottles, 220-240 V/50-60 Hz	23362/0002
for 250 ml bottles, 110-115 V/50-60 Hz	23362/0003
for 500 ml bottles, 220-240 V/50-60 Hz	23362/0004
for 500 ml bottles, 110-115 V/50-60 Hz	23362/0005

Subject to modifications, errors excepted. Illustrations similar. | 09/2026 | V2