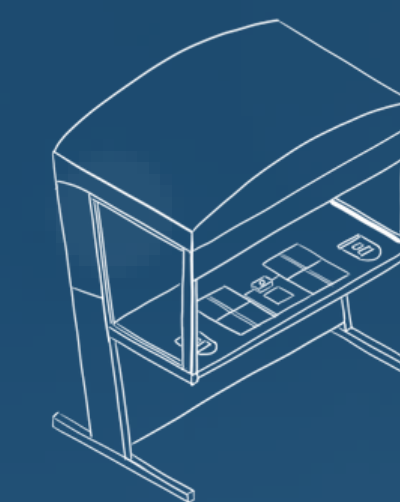


MYART

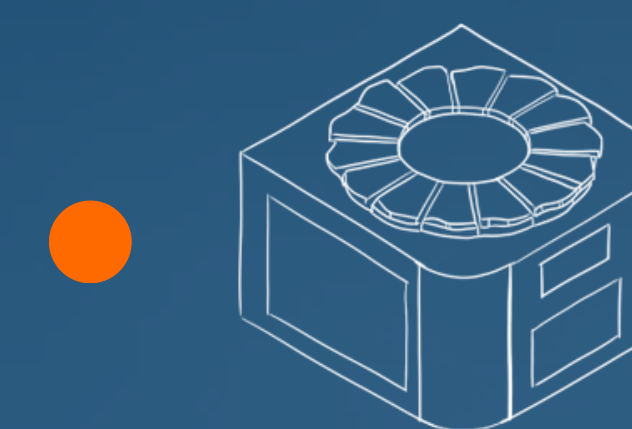


Medical

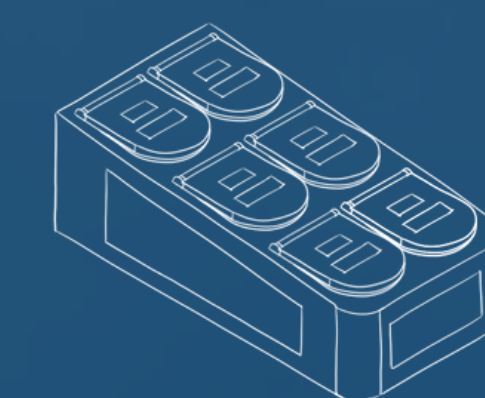
MyArt Medical products



W-ONE4



Flora TL



Flora



www.myartmedical.com
info@myartmedical.com
+45 26 34 07 02

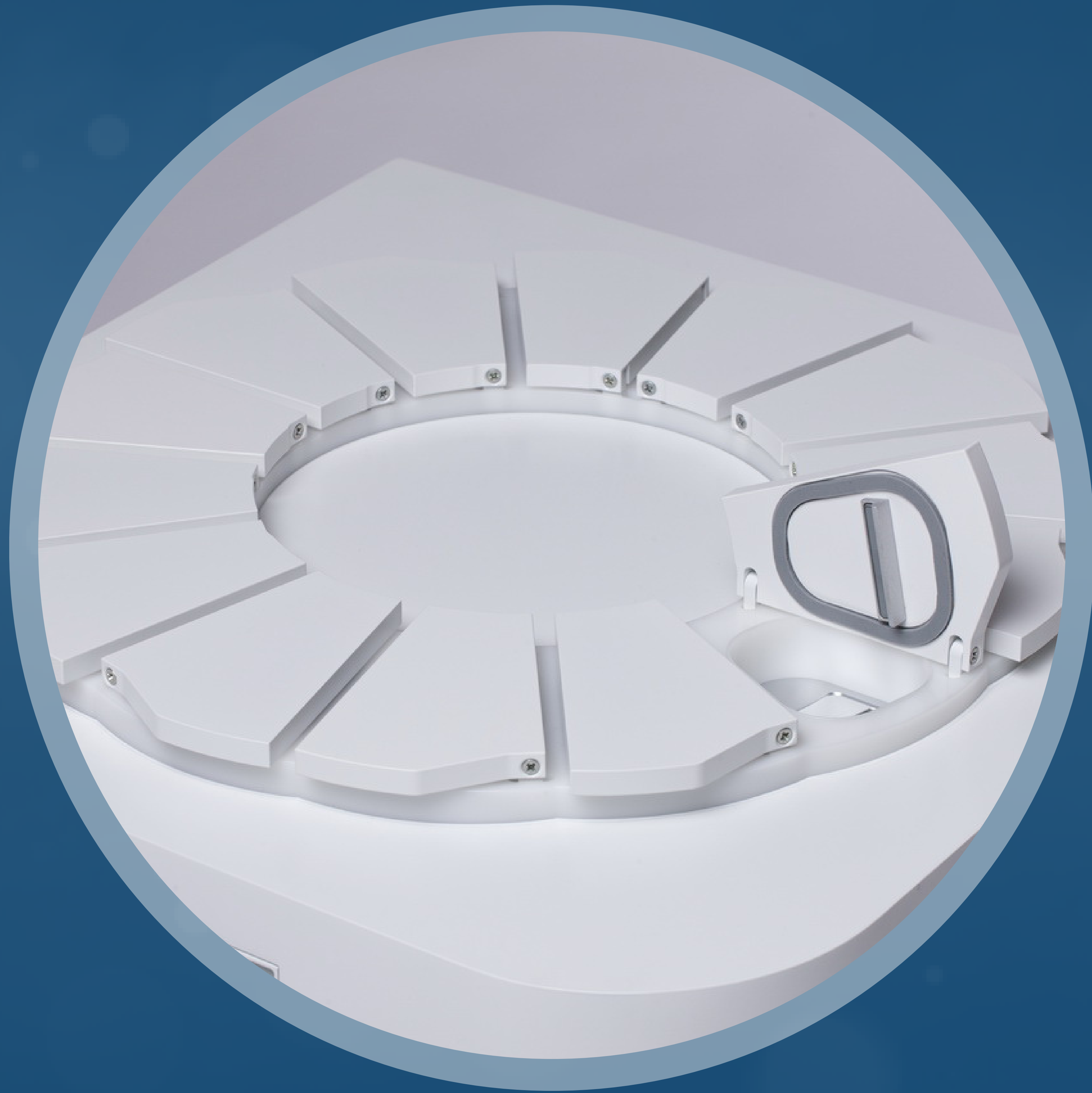
• Flora TL

- ◆ A new concept in bench top time-lapse incubation
- ◆ Space for 14 patients (14 embryos each) on a 60 cm benchtop footprint
- ◆ Separate incubation of each patient in separate compartments
- ◆ Opening one lid does not affect the compartments that are closed = true undisturbed incubation
- ◆ 635 nm LED light without cross effect. Only light in the compartment where images are acquired
- ◆ Image file output that can be easily transferred to AI analysis software or viewer software
- ◆ Easy setup without user input when starting time-lapse
- ◆ Tracking of patients via app-based user interface
- ◆ 28 PID temperature regulations for superior stability
- ◆ Units can stack side by side on table without a gap - so maximum space-saving
- ◆ CO₂ and O₂ regulation. Gas mixing according to user set set-point. NDIR CO₂ sensor.



Your embryos deserve the best

• Flora TL



- ◆ One compartment one patient
- ◆ Heated lid - PID control
- ◆ Heated bottom - PID control
- ◆ Stable uniform temperature
- ◆ Fast recovery of conditions
- ◆ Easy opening and closing with a magnet lock

Your embryos deserve the best

• Flora TL

- ◆ CO2 mixing for correct pH for all bicarbonate buffered medium types. User set-point
- ◆ O2 control via infusion for reducing the O2 level. Use high purity N2 source
- ◆ Continual adjusting of gas concentrations
- ◆ Stable conditions in the closed compartments during opening of one
- ◆ Continual cleaning of both incoming and gas from source and inside the device
HEPA and VOC Filtering + UVC light sterilization
- ◆ Recirculated gas flow - means low consumption
- ◆ 15 Gas validation ports + inlet for CO2 + N2



Your embryos deserve the best

• Flora TL



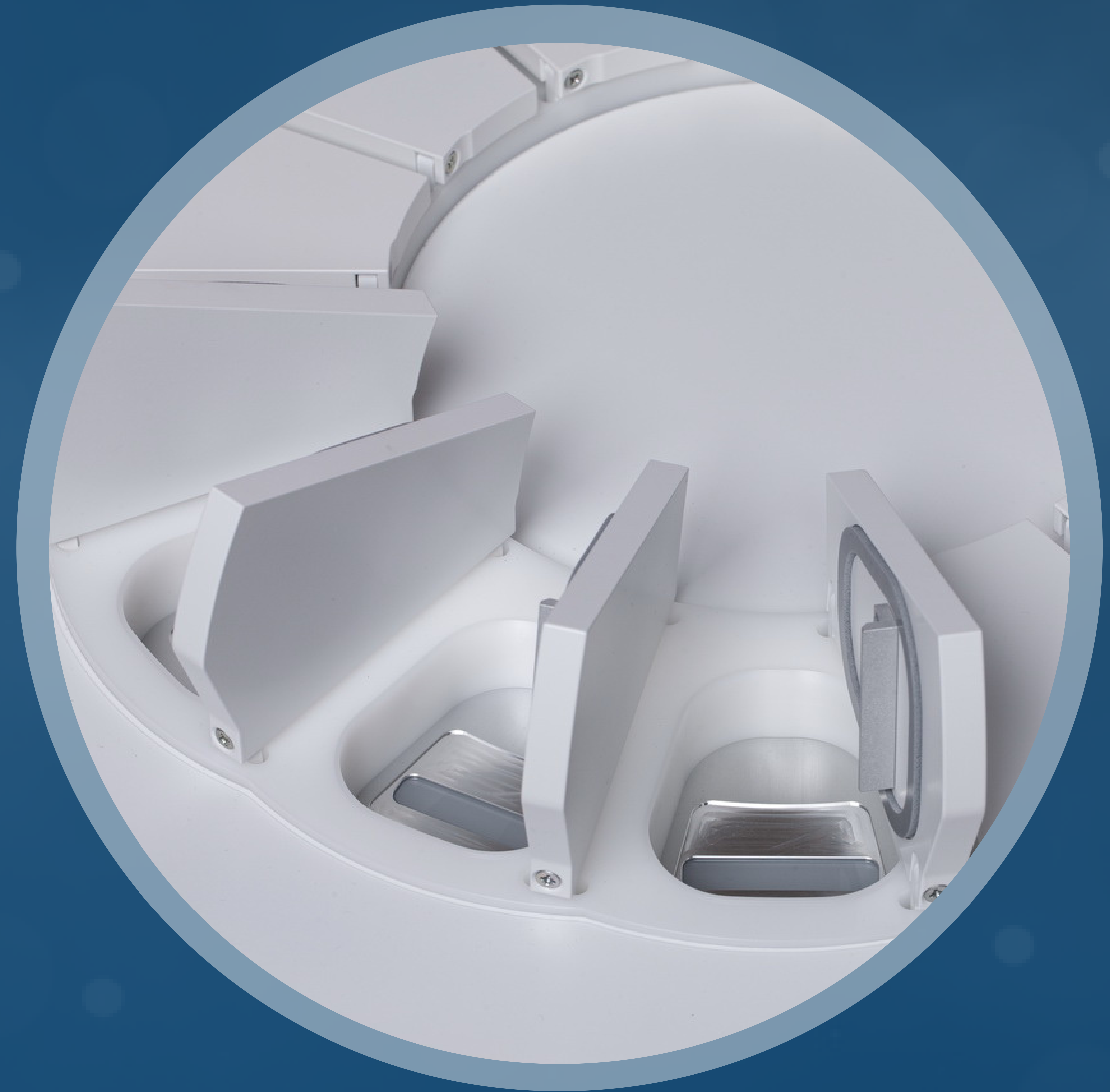
- ◆ User interface via app
- ◆ Scan function group and use. Fast and intuitive
- ◆ Total documentation of patient flow and adjustment done
- ◆ Patient identity display in main monitor view



Your embryos deserve the best

• Flora TL

- ◆ Time-lapse images generated by moving camera microscope system. Embryos does not move around
- ◆ Totalt seperation between incubation area and microscope camera system
- ◆ Nikon precision optics 20x
- ◆ LED 635 nm light with contrast system
- ◆ Autofocus and auto find
- ◆ Z stacking
- ◆ Image file easily shared with AI selection software or to Viewer software



Your embryos deserve the best

• Flora TL



- ◆ Timelapse dish with room for 14 embryos
- ◆ Communal design with fluid connection between each well for shared endocrine factors
- ◆ 2 washing wells
- ◆ Easy to load and work with
- ◆ 25 μ l wells
- ◆ Plasma treated for less bubble issues
- ◆ LAL and MEA Tested
- ◆ Manufactured under ISO 13485

• Flora TL



- ◆ H: 420 mm
W: 600 mm
L: 600 mm
- ◆ Weight: 70kg
- ◆ Power consumption: 280 W
- ◆ 115/230 V 50/60Hz
- ◆ Temperature range
25 - 40 °C
- ◆ Gas consumption
< 1 l/h CO₂
< 4 l/h N₂
- ◆ Gas pressure
0,6 Bar (8m7 PSI)
- ◆ CO₂ range: 1,9 - 10 %
- ◆ O₂ range: 5 - 20 %

MYART



Medical

ISO 13485 Certified production.

EU - CE Mark according to MDR for the Medical Device version and EU - CE Mark according to the laboratory standard for the non Medical version.