

Calibre Scientific TransferMan® 4m

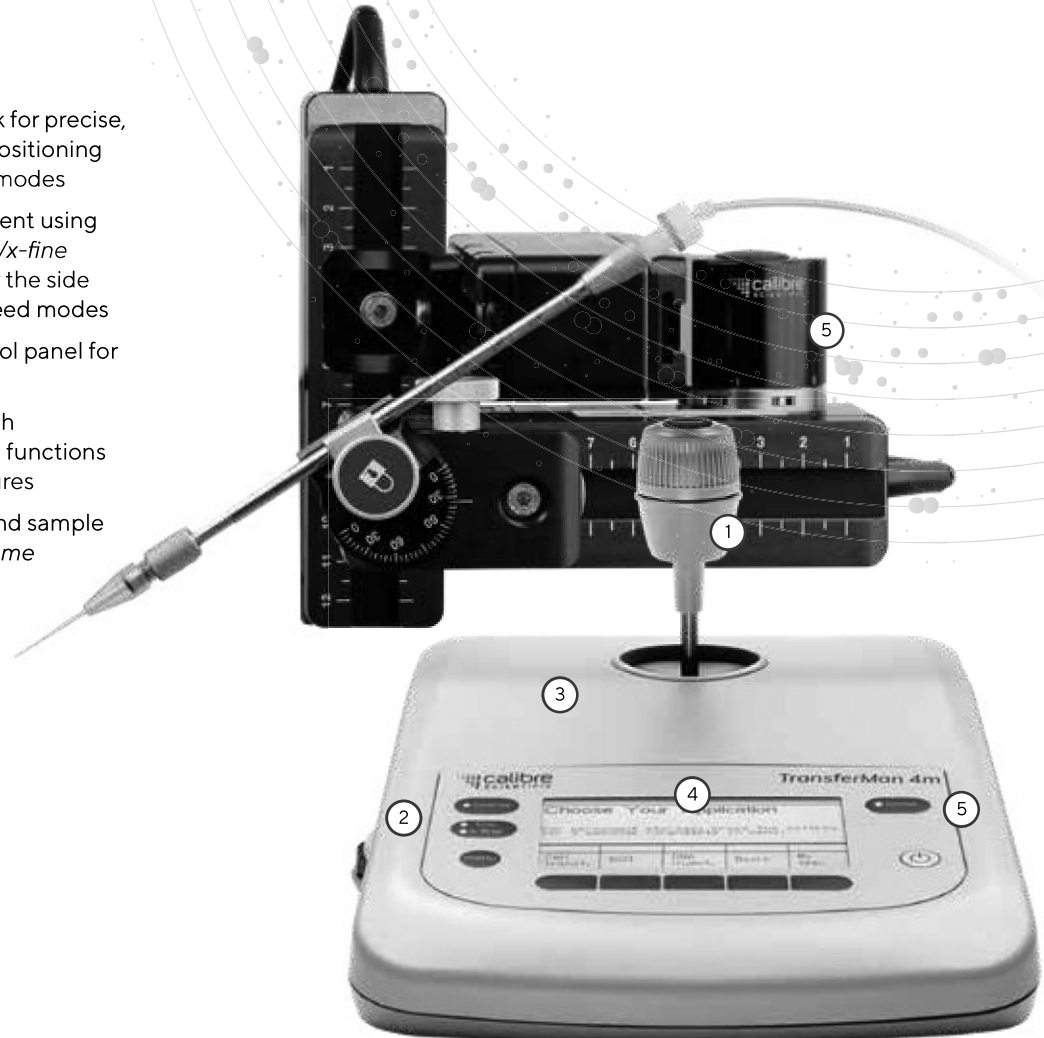
The user-friendly TransferMan® 4m micromanipulator combines an ergonomic and innovative operation concept making it ideal for manipulation of sensitive cells such as oocytes and blastocysts.

A customizable user interface simplifies the ART workflow under the microscope thanks to the predefined "ICSI" application mask with smart functions such as the *Home* and *Z-axis limit* functions.

The position storage function allows to store and quickly change the capillary position between the working position in the sperm droplet and parking position above the sperm drop of your ICSI dish.

The unique DualSpeed™ joystick combines precise and intuitive, direct movement with dynamic movement control for covering longer distances or speeding up sample processing.

1. Unique DualSpeed™ joystick for precise, instantaneous control and positioning using three different speed modes
2. Comfortable speed adjustment using the softkeys *coarse* and *fine/x-fine* and individual fine tuning by the side dial for each of the three speed modes
3. Ergonomically shaped control panel for fatigue-free work
4. Optimized user interface with individually selectable smart functions simplifies your work procedures
5. Simple and quick capillary and sample change using automated *home* function and the swivel joint



Product specifications

Control board

Dimensions (W x H x D)	205 x 288 x 152 mm
Weight	1.8 kg
Control operator	One joystick for movement control in X-/Y-/Z-direction
Working ranges/ Speed modes	Coarse, fine, x-fine
Speed Control	Proportional and dynamic kinetics

Module (X-, Y- and Z-motor)

Step size	< 20 nm
Speed	0-10,000 µm/s
Max. travelling distance	20 mm (in X-/Y-/Z-direction)
Capillary exchange	Forward rotation of X-motor (swivel out)
Sample replacement	Backward rotation of X-motor (swivel in)
Operating angle of angle head	0° - 90°

CellTram® 4m Air

Dimensions (W x H x D)	205 x 288 x 152 mm
Weight	1.8 kg
Control operator	One joystick for movement control in X-/Y-/Z-direction
Working ranges/ Speed modes	Coarse, fine, x-fine
Speed Control	Proportional and dynamic kinetics

TransferMan® 4m

Step size	< 20 nm
Speed	0-10,000 µm/s
Max. travelling distance	20 mm (in X-/Y-/Z-direction)
Capillary exchange	Forward rotation of X-motor (swivel out)
Sample replacement	Backward rotation of X-motor (swivel in)
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