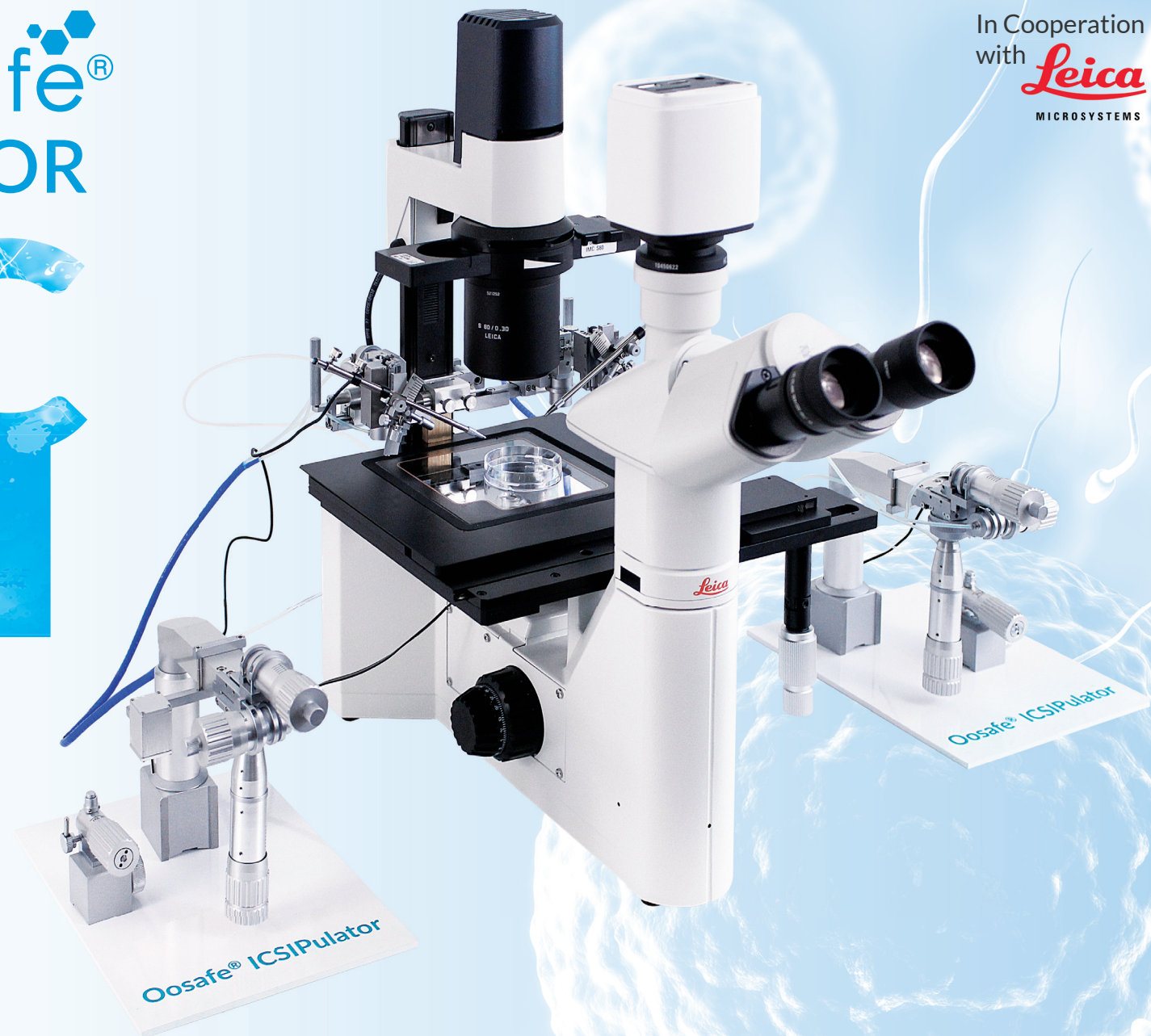


Oosafe® ICSIPULATOR

ICSI

In Cooperation
with *Leica*
MICROSYSTEMS



Oosafe® ICSIPULATOR SILVER FOR INVERTED MICROSCOPE



MICROMANIPULATOR FOR ICSI AND SAMPLE MANIPULATION - SUITABLE FOR USE WITH ALL INVERTED MICROSCOPE MODELS IN THE WORLD, SUCH AS LEICA AND OTHER MICROSCOPE BRANDS.

- EASY TO USE, PERFECT FOR BEGINNERS AND PROFESSIONAL USERS ALIKE
- COMPLETE CUSTOMIZATION AVAILABLE, MIX AND MATCH AS YOU WANT
- COMPETITIVE PRICING FOR EXCEPTIONAL QUALITY

- INTERCHANGEABLE INJECTORS (SAME SENSITIVITY ON BOTH SIDES)
- EASY INSTALLATION
- NO MAINTENANCE REQUIRED

- Large movement range X/Y/Z Axis: 20 mm (20.000 μ m)
- X/Y/Z Axis 1.25 mm (1.250 μ m) full travel with one complete turn of knob
- Adjustable X/Y travel range for fine movement from 0 to 2 mm (2.000 μ m) of joystick (factory setting is 2 mm)
- Easy positioning of micropipette tips "MANUALLY SET HOME POSITION"
- Adjustable micropipette holder angle between 20° and 40°
- Micropipette holder reduces vibration and allows easy handling of sperm (increases ease of breaking sperm tail with ICSI Pipette)
- Hydraulic Manipulation of Joysticks for smooth movement
- Long hydraulic tubes (940 mm) to ensure maximum user comfort
- Pneumatic Air Injector for ICSI and HOLDING side
- 15 mm total travel range for Air Injector, 5 mm (5.000 μ m) travel distance with one complete turn
- Long tubing length (1.080 mm) and thin inner diameter ensuring high precision for Air Injector
- Electro-Z features one switch control for full range of up, down movement of 20 mm (20.000 μ m)



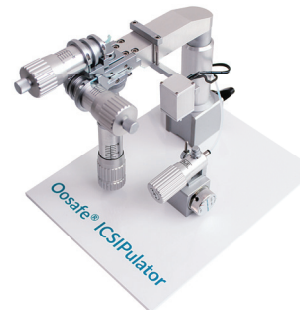
Oosafe® ICSIPULATOR SILVER STANDARD HYDRAULIC MICROMANIPULATOR SYSTEM WITH Z-AXIS MANUAL MOVEMENT

- Ergonomically designed
- Tactile control system
- Easy adjustment of travel range on joystick
- Coarse Z-Axis movement, controlled from bar mount



Oosafe® ICSIPULATOR SILVER HYDRA-Z HYDRAULIC MICROMANIPULATOR SYSTEM WITH Z-AXIS HYDRAULIC MOVEMENT

- Ergonomically designed
- Tactile control system
- Easy adjustment of travel range on joystick
- Coarse Z-Axis movement, hydraulically controlled from joystick in conjunction with finer manual adjustment
- Allows for a less hassle, more fluid control of Z-axis movement
- Improves visibility and ease of adjusting pipette angle



Oosafe® ICSIPULATOR SILVER ELECTRO-Z HYDRAULIC MICROMANIPULATOR SYSTEM WITH Z-AXIS ELECTRONIC MOVEMENT

- Ergonomically designed
- Tactile control system
- Easy adjustment of travel range on joystick
- Coarse Z-Axis movement electronically controlled from joystick in conjunction with finer manual adjustment
- Allows electronic control of Z-axis
- One switch to control full Z-Axis movement, automatic Z-Axis stop at travel limit (20.000 μ m)

AFFORDABLE ICSI WORKSTATION WITH HIGH IMAGE QUALITY

LEICA INVERTED MICROSCOPE SPECIFICATIONS

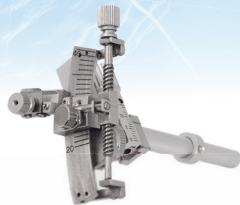
- Leica DM IL LED with 3-plate stage
- Condenser S80 / 0.30
- Leica IMC for DMIL S80
- Grey filter N4 in mount, 32 mm
- Objective HC PLAN 4x / 0.10
- Objective HC PL FLUOTAR 10x / 0.30
- Objective HC PL FLUOTAR L 20x / 0.40 CORR
- Objective HC PL FLUOTAR L 40x / 0.60 CORR
- Glass Heating Stage
- Phototube HC L1T 4/5/7, trinocular
- Eyepiece HC PLAN 10x / 20 BR
- Eyepiece HC PLAN 10x / 20 BR.M
- Stabilizing plate for DM IL
- Dust cover for DM IL
- C-mount Adapter (0.55 x HC)
- Tube adapter HC L / IL



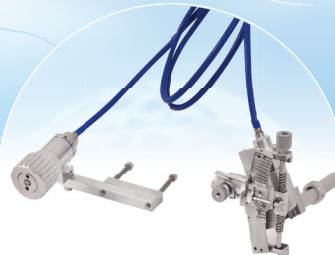
ACCESSORIES FOR ICSI WORKSTATION



**Oosafe® ICSIPulator Silver
3D Joystick**
Product code:
OOIP-MZ03 LEFT
OOIP-MZ04 RIGHT



**Oosafe® ICSIPulator Silver Standard
Pipette Setup Mechanism**
Product code:
OOIP-SZ01 LEFT
OOIP-SZ02 RIGHT



**Oosafe® ICSIPulator Silver Hydra-Z
Pipette Setup Mechanism**
Product code:
OOIP-SZ03 LEFT
OOIP-SZ04 RIGHT





**Oosafe® ICSIPulator Silver Electro-Z
Pipette Setup Mechanism**
Product code:
OOIP-SZ05 LEFT
OOIP-SZ06 RIGHT



**Oosafe® ICSIPulator Silver
Air Injector**
Product code:
OOIP-MZ01

ORDER INFORMATION

Product code	Product name
OOIP-SZ01	Oosafe® ICSIPulator Silver Standard Pipette Setup Mechanism LEFT
OOIP-SZ02	Oosafe® ICSIPulator Silver Standard Pipette Setup Mechanism RIGHT
OOIP-SZ03	Oosafe® ICSIPulator Silver Hydra-Z Pipette Setup Mechanism LEFT
OOIP-SZ04	Oosafe® ICSIPulator Silver Hydra-Z Pipette Setup Mechanism RIGHT
OOIP-SZ05	Oosafe® ICSIPulator Silver Electro-Z Pipette Setup Mechanism LEFT
OOIP-SZ06	Oosafe® ICSIPulator Silver Electro-Z Pipette Setup Mechanism RIGHT
OOIP-MZ01	Oosafe® ICSIPulator Silver Air Injector
OOIP-MZ03	Oosafe® ICSIPulator Silver 3D Joystick LEFT
OOIP-MZ04	Oosafe® ICSIPulator Silver 3D Joystick RIGHT
OOICSI-WS01	Oosafe® ICSIPulator complete with Leica Inverted Microscope
OOICSI-WS02	Oosafe® ICSIPulator complete with Leica Inverted Microscope and Oosafe® Plug n' Use Camera
	Microscope comes with Tokai Hit TPi Model Large Square (150mm x 150mm) Glass Heating Stage. For more combinations, please ask our Sales Team. When you order, please specify Pipette Setup Mechanism from Standard, Hydra-Z or Electro-Z.
OOICSI-PULZ0	Oosafe® ICSIPulator Silver Standard for Inverted Microscope*
OOICSI-PULZ1	Oosafe® ICSIPulator Silver Hydra-Z for Inverted Microscope*
OOICSI-PULZ2	Oosafe® ICSIPulator Silver Electro-Z for Inverted Microscope*
OOICSI-PULZ3	Oosafe® ICSIPulator Silver Customize-Z for Inverted Microscope*
	You can choose from Standard, Hydraulic and Electronic Z-Axis Movement, or you can specify a custom combination for your manipulator while ordering. * Please specify brand and model of the microscope to receive correct connection bar for installation.



All manipulators are packed in secure cardboard box.

sparomed

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