

**PRODUCT  
CATALOGUE**

MICRO  
TOOLS



***KITAZATO***<sup>®</sup>

# MICRO TOOLS

High quality micromanipulation pipettes that offer an accurate and precise manipulation of gametes and embryos for ART and PGT.

Co-developed and designed together with major clinics in Japan, Kitazato Micro Tools are handcrafted by highly skilled professionals.



## Main Features

### HIGH QUALITY

and consistency

### PRECISE MANIPULATION

for ART and PGT

### STRICT QUALITY CONTROL

with individual inspection of each pipette

### PACKAGED INDIVIDUALLY

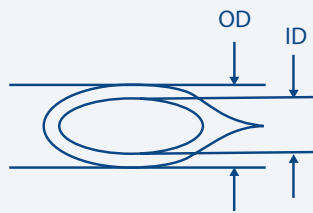
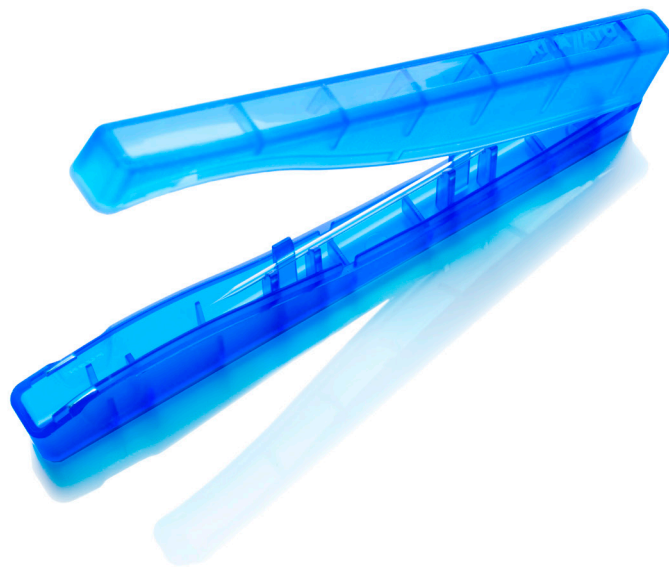
in easy-to-open color-coded containers

## MICRO TOOLS

### ICSI INJECTION PIPETTES

**For intracytoplasmic injection of sperm inside the oocyte.**

For a precise injection of the sperm inside of the oocyte minimizing damage and allowing a smooth handling.



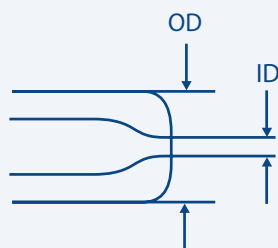
### Main characteristics

- Spiked tip to minimize damage to oocyte
- Smooth handling of sperm and cytoplasm
- Available with long or short parallel walls
- Three different internal diameters: 4.0-4.5  $\mu\text{m}$ , 4.5-5.0  $\mu\text{m}$  and 5.0-5.5  $\mu\text{m}$
- Two different angle options: 30° and 35°
- Tip to elbow length range: from 0.50 mm to 1 mm

## HOLDING PIPETTES

**For holding oocyte, embryo or blastocyst during intracytoplasmic sperm injection or PGT techniques.**

High stability during ICSI and PGT micromanipulations when a reliable steadiness of oocytes or embryos is needed.



## Main characteristics

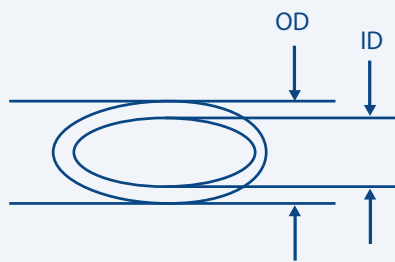
- Smooth polished tip
- High level of control of specimen
- Different diameters available for different techniques
- Smaller diameter ideal for holding an oocyte
- Larger diameter ideal for embryo biopsy procedures
- Tip to elbow length range: 0.60 mm

## MICRO TOOLS

### BIOPSY PIPETTES

**For removing a blastomere cell, trophoctoderm cells or polar body for preimplantation genetic testing.**

Specially designed and polished to minimize damage and protect cell membrane during PGT procedures.



### Main characteristics

- Flat tip design to minimize damage to cell membrane
- Pipette tips are specially polished to protect cell membrane
- Internal diameter range: from 15  $\mu\text{m}$  to 35  $\mu\text{m}$
- 15  $\mu\text{m}$  for polar body biopsy
- 25  $\mu\text{m}$  for trophoctoderm biopsy
- 30 to 35  $\mu\text{m}$  for blastomere biopsy

# PRODUCT REFERENCES

## ICSI INJECTION PIPETTES

Long Parallel Walls "Slim Type"



Order Number	Code	Inner Diameter (µm)	Tip Bend Angle (°)	Length (mm)
95204	MT-INJ-1S45-30	4.0-4.5	30	0.50
95205	MT-INJ-1S45-35	4.0-4.5	35	0.50
95206	MT-INJ-1L45-30	4.0-4.5	30	1.00
95207	MT-INJ-1L45-35	4.0-4.5	35	1.00
95234	MT-INJ-1S50-30	4.5-5.0	30	0.50
95235	MT-INJ-1S50-35	4.5-5.0	35	0.50
95236	MT-INJ-1L50-30	4.5-5.0	30	1.00
95237	MT-INJ-1L50-35	4.5-5.0	35	1.00
95264	MT-INJ-1S55-30	5.0-5.5	30	0.50
95265	MT-INJ-1S55-35	5.0-5.5	35	0.50
95266	MT-INJ-1L55-30	5.0-5.5	30	1.00
95267	MT-INJ-1L55-35	5.0-5.5	35	1.00

Short Parallel Walls



Order Number	Code	Inner Diameter (µm)	Tip Bend Angle (°)	Length (mm)
95200	MT-INJ-2S45-30	4.0-4.5	30	0.70
95201	MT-INJ-2S45-35	4.0-4.5	35	0.70
95202	MT-INJ-2L45-30	4.0-4.5	30	1.00
95203	MT-INJ-2L45-35	4.0-4.5	35	1.00
95230	MT-INJ-2S50-30	4.5-5.0	30	0.70
95231	MT-INJ-2S50-35	4.5-5.0	35	0.70
95232	MT-INJ-2L50-30	4.5-5.0	30	1.00
95233	MT-INJ-2L50-35	4.5-5.0	35	1.00
95260	MT-INJ-2S55-30	5.0-5.5	30	0.70
95261	MT-INJ-2S55-35	5.0-5.5	35	0.70
95262	MT-INJ-2L55-30	5.0-5.5	30	1.00
95263	MT-INJ-2L55-35	5.0-5.5	35	1.00

Non Spike Tip

Order Number	Code	Inner Diameter (µm)	Tip Bend Angle (°)	Length (mm)
95208	MT-INJ-3L45-30	4-4.5	30	1.00
95209	MT-INJ-3L45-35	4-4.5	35	1.00
95210	MT-INJ-3L50-30	4.5-5	30	1.00
95211	MT-INJ-3L50-35	4.5-5	35	1.00

## MICRO TOOLS

# PRODUCT REFERENCES

## HOLDING PIPETTES

Order Number	Code	Inner Diameter (µm)	Outer Diameter (µm)	Tip Bend Angle (°)	Tip to Elbow Length (mm)
95310	MT-HD-90-30	15-20	90	30	0.60
95311	MT-HD-90-35	15-20	90	35	0.60
95300	MT-HD-100-30	15-20	100	30	0.60
95301	MT-HD-100-35	15-20	100	35	0.60
95302	MT-HD-120-30	15-20	120	30	0.60
95303	MT-HD-120-35	15-20	120	35	0.60
95360	MT-HD-120W-30	25-30	120	30	0.60
95361	MT-HD-120W-35	25-30	120	35	0.60

## BIOPSY PIPETTES

### Blastomere Biopsy

Order Number	Code	Inner Diameter (µm)	Tip Bend Angle (°)	Tip Shape
95350	MT-BPBM-25-30	25	30	Flat
95351	MT-BPBM-25-35	25	35	Flat
95352	MT-BPBM-30-30	30	30	Flat
95353	MT-BPBM-30-35	30	35	Flat
95354	MT-BPBM-35-30	35	30	Flat
95355	MT-BPBM-35-35	35	35	Flat

### Polar Body Biopsy

Order Number	Code	Inner Diameter (µm)	Tip Bend Angle (°)	Tip Shape
95370	MT-BPPD-30	15	30	Flat
95371	MT-BPPD-35	15	35	Flat

## PZD PIPETTES

Order Number	Code	Tip Bend Angle (°)
95400	MT-PZD-30-55	30
95401	MT-PZD-35-55	35



**KITAZATO®**

TRAINING  
**PROGRAM**

# OUR GREATEST ACHIEVEMENT IS FOR YOU **TO OBTAIN THE BEST CLINICAL RESULTS**

Kitazato has spent over a decade investing in training and workshops around the world. Thousands of embryologists have learned the Tips & Tricks of the Kitazato Vitrification, whether at conferences, on visits to clinics, or at our reference support centers and training facilities.

We know that **The Cryotop® Method** offers the best survival results on the market, and we are committed to helping you achieve this. To do so, our trainings are always led by experienced professionals, belonging to some of the most renowned clinics in the world, supported by our team of specialized embryologists.

During our trainings, we reinforce the learning process by starting with a theoretical session followed by a hands-on one in which trainers share valuable knowledge and experiences from their daily routines that will help you master **The Cryotop® Method**. We guarantee that no question will go unanswered.

**8**

Hands-on  
workshops  
regularly led in  
8 countries

**+5,000**

Embryologists  
trained  
worldwide

**+15**

Years  
investing in  
training &  
workshops



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