

MICRO TOOLS

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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

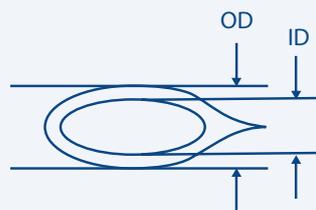
PACKAGED INDIVIDUALLY

in easy-to-open color-coded containers

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

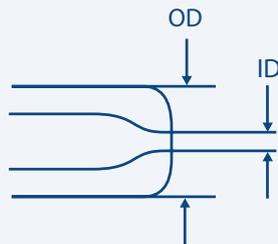
- Spiked and non spiked tip to minimize damage to oocyte
- Smooth handling of sperm and cytoplasm
- Available with long or short parallel walls
- Three different internal diameters: 4.0-4.5 μm , 4.5-5.0 μm and 5.0-5.5 μm
- Two different angle options: 30° and 35°
- Tip to elbow length range: from 0.50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

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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.



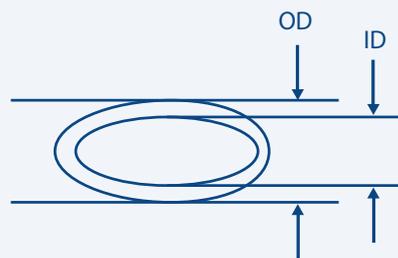
Main characteristics

- 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

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 μm to 35 μm
- 15 μm for polar body biopsy
- 25 μm for trophoctoderm biopsy
- 30 to 35 μm 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

PRODUCT REFERENCES

HOLDING PIPETTES

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

BIOPSY PIPETTES

Blastomere & Trophectoderm 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