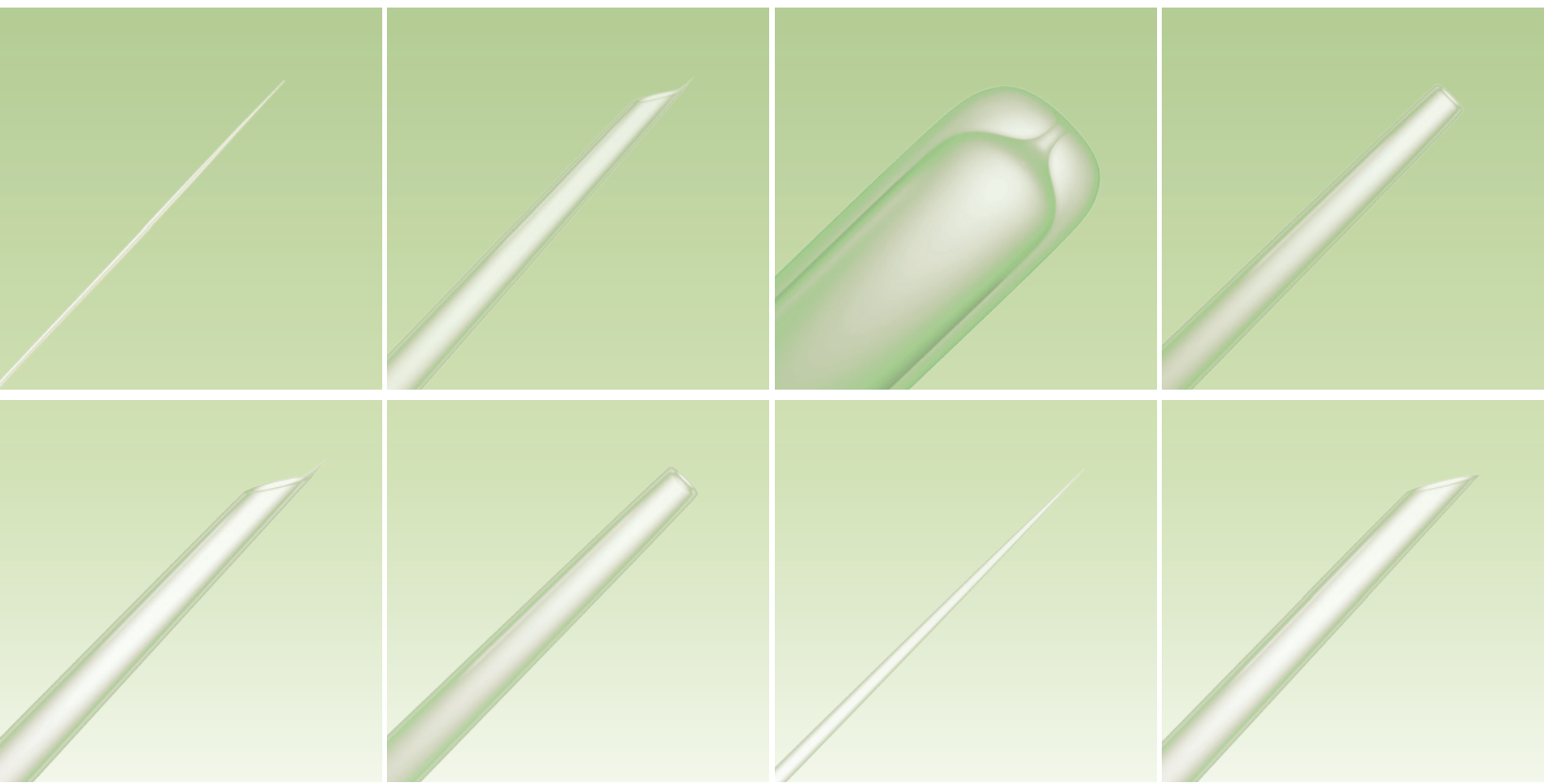




# Micro-Manipulation





Denuding/Manipulating **6**



Micro-Injection **8**



Holding **8**



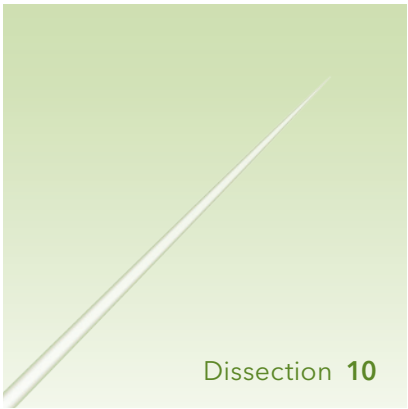
Aspiration **9**



Biopsy **9**



Drilling **10**



Dissection **10**



Extraction **11**

**Ensure optimal results with a full range of premium, state-of-the-art micro-manipulation tools.**

**Developed to optimize laboratory and clinical performance,**

Cook micro-manipulation tools have been meticulously constructed. They meet the highest standards of quality and consistency through control of raw materials and adherence to stringent manufacturing processes.

**Handcrafted from borosilicate glass to the highest quality standards,**

Cook pipettes are available in a range of designs to meet the varying needs of laboratories that perform repetitive and technical manipulation associated with intracytoplasmic sperm injection (ICSI) and preimplantation genetic diagnosis (PGD).

**Inspected under extreme magnification,** all glass micro-manipulation tools meet computer-controlled standards for shape, clarity, sharpness and function. All Cook pipettes are sterilized by gamma irradiation and lot tested for single-cell MEA survivability and LAL toxicity.

Cook pipettes and accessories represent the optimal design for their specific functions and make it possible for clinicians and scientists to concentrate on performing the procedures.

Additionally, all glass micro-manipulation tools are packaged in individual containers specifically designed to deliver undamaged product. The protective container is easy to open and use, and the material is recyclable.



## Flexipet® Micro-Manipulation Pipette

Flexible polycarbonate pipettes used for denuding as well as gamete and embryo manipulation. Designed to resist scratching surfaces and breaking.

Order Number	Reference Part Number	Inner Diameter μm	Description
<b>Denuding Pipettes</b>			
5 Vials of 10 (50 Total)			
G46021	K-FPIP-1120-10BS-5	120	oocyte/embryo manipulation
G26711	K-FPIP-1130-10BS-5	130	oocyte/embryo manipulation
G26712	K-FPIP-1140-10BS-5	140	oocyte/embryo manipulation
G26713	K-FPIP-1170-10BS-5	170	oocyte/embryo manipulation
10 Vials of 1 (10 Total)			
G46019	K-FPIP-1140-10	140	oocyte/embryo manipulation
G46018	K-FPIP-1170-10	170	oocyte/embryo manipulation
<b>Manipulation Pipettes</b>			
1 Vial of 10 (10 Total)			
G26181	K-FPIP-1080-10BS	80	blastomere or polar body manipulation
G26718	K-FPIP-1100-10BS	100	oocyte/embryo manipulation
G18878	K-FPIP-1300-10BS	300	blastocyst handling
5 Vials of 10 (50 Total)			
G46020	K-FPIP-1300-10BS-5	300	blastocyst handling
G26057	K-FPIP-1600-10BS-5	600	manipulation of oocyte-cumulus complex
10 Vials of 1 (10 Total)			
G46017	K-FPIP-1300-10	300	blastocyst handling

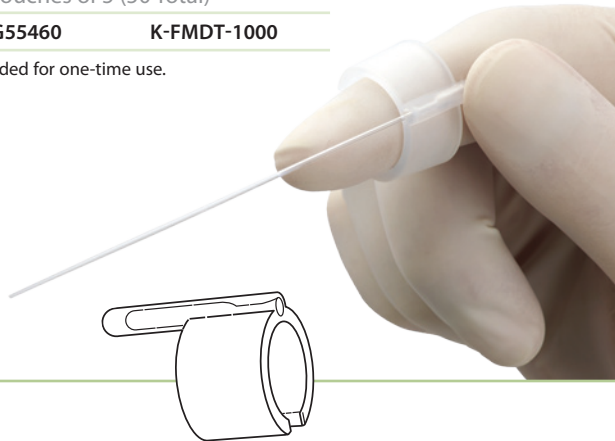
Intended for one-time use.

## Microcise™ Fleximate™ Flexipet Manipulation Denuding Tool

Designed to create a vacuum for a Flexipet, the disposable Microcise Fleximate enables aspiration of an oocyte or embryo and denuding of the oocyte-cumulus complex. Ergonomic and practical, the Fleximate accepts any size Flexipet pipette and sits flush on the Flexipet container or finger. Made from 100% silicone, it is comfortable and easy to use—making it helpful for manipulating oocytes and embryos more efficiently.

Order Number	Reference Part Number
10 Pouches of 5 (50 Total)	
G55460	K-FMDT-1000

Intended for one-time use.



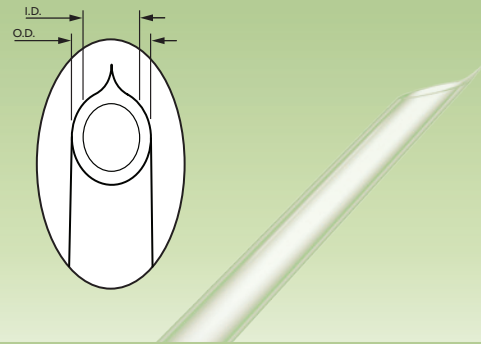
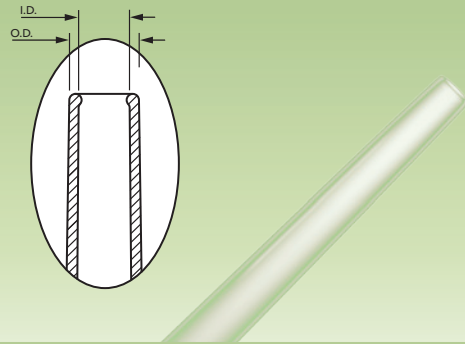
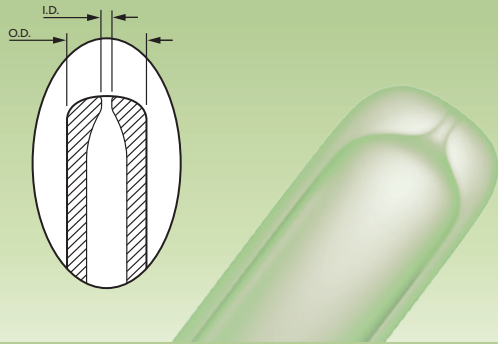
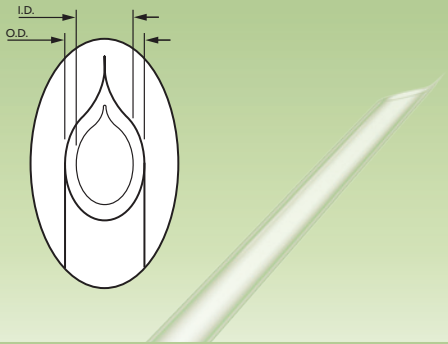
## Cook Flexipet Adjustable Handle

Used with Cook Flexipets for handling gametes and embryos. Aspiration volume can be preset from 0.25 μL to 3.0 μL. Provides the fine control necessary for oocyte, embryo and/or blastomere manipulation. Adjustable handle accepts all sizes of Flexipets. Accessory set consists of replacement parts including one small o-ring, one large o-ring and a spacer.

Order Number	Reference Part Number
<b>Handle</b>	
G18674	K-MPH-1000
<b>Accessory Set</b>	
G18904	K-FRO-1000



Not all part numbers shown on this product information sheet may be approved for sale in all regulatory jurisdictions. Consult with your local Cook representative or customer service center for details.



## Cook® Micro-Injection Pipette

Specifically designed for ICSI, with parallel walls for precision sperm control and well-defined bevels to aid zona pellucida puncture. These pipettes are supplied in the “31” and the “33” series. The “31” series gives you the benefit of minimizing the amount of medium and/or PVP injected, and the smaller outer diameter creates less disruption in the cytoplasm during injection. The “33” series’ parallel walls and stiff spiked tip make for an easy insertion through the zona pellucida.

Order Number	Reference Part Number	Inner Diameter µm	Outer Diameter µm	Distal Tip Angle Degrees
G32817	K-MPIP-3130	4.7	6	30
G32818	K-MPIP-3135	4.7	6	35
G32821	K-MPIP-3330	5.5	7	30
G26684	K-MPIP-3335	5.5	7	35

## Cook Holding Pipette

Featuring a smooth, flame-polished surface, the holding pipette provides stability and holding power during ICSI, assisted hatching and biopsy procedures.

Order Number	Reference Part Number	Inner Diameter µm	Outer Diameter µm	Distal Tip Angle Degrees
G32806	K-HPIP-2130	20	110	30
G32807	K-HPIP-2135	20	110	35
G32810	K-HPIP-3330	30	120	30
G32812	K-HPIP-3335	30	120	35

## Cook Blastomere Aspiration Pipette

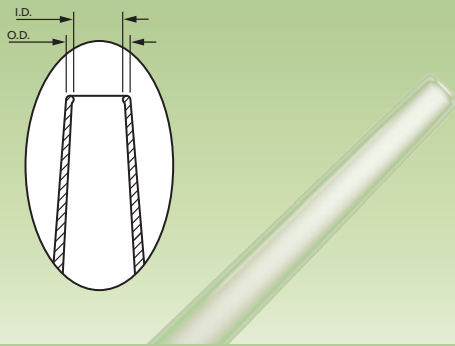
For the aspiration of blastomeres and trophectoderm cells to perform preimplantation genetic diagnosis. The pipette tip is cut straight and flame-polished smooth.

Order Number	Reference Part Number	Inner Diameter µm	Outer Diameter µm	Distal Tip Angle Degrees
G32795	K-EBPH-3035	30	42	35
G32799	K-EBPH-3535	35	49	35

## Cook® Polar Body Biopsy Pipette

For the aspiration of the polar body to perform preimplantation genetic diagnosis. The pipette tip is beveled with a small spike to aid zona pellucida insertion.

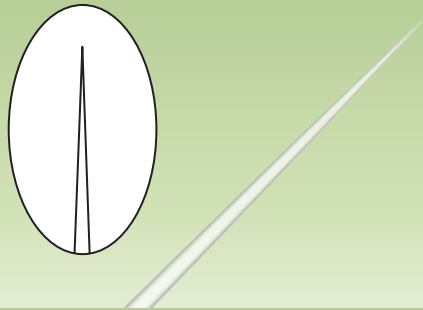
Order Number	Reference Part Number	Inner Diameter µm	Outer Diameter µm	Distal Tip Angle Degrees
G32822	K-PBBP-2035	20	28	35



## Cook Zona Drilling Pipette

Used to make a hole in the zona pellucida, this pipette enables assisted hatching and/or blastomere aspiration.

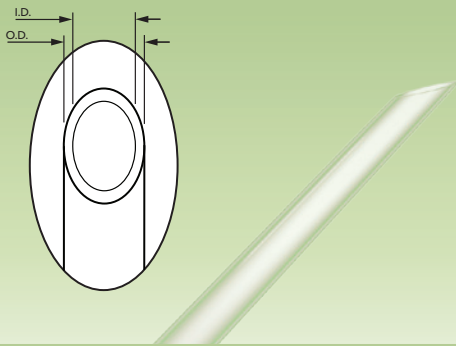
Order Number	Reference Part Number	Inner Diameter $\mu\text{m}$	Outer Diameter $\mu\text{m}$	Distal Tip Angle Degrees
G32790	K-AHP-1035	5	10	35
G32794	K-AHP-2035	10	14	35



## Cook Partial Zona Dissection Pipette

Used to create a slit or slits in the zona pellucida to enable assisted hatching and/or blastomere aspiration, this pipette has a very fine point to create a smooth incision.

Order Number	Reference Part Number	Distal Tip Angle Degrees
G18095	K-PZDP-1035	35



## Cook Testicular Sperm Extraction Pipette

Used to extract sperm from a testicular tissue sample prior to ICSI. The inner diameter enables easy extraction of sperm from the tissue sample, after which a Cook Micro-Injection Pipette is used for the sperm injection.

Order Number	Reference Part Number	Inner Diameter $\mu\text{m}$	Outer Diameter $\mu\text{m}$	Distal Tip Angle Degrees
G32823	K-TSEP-1035	7	9	35

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