

Microtools

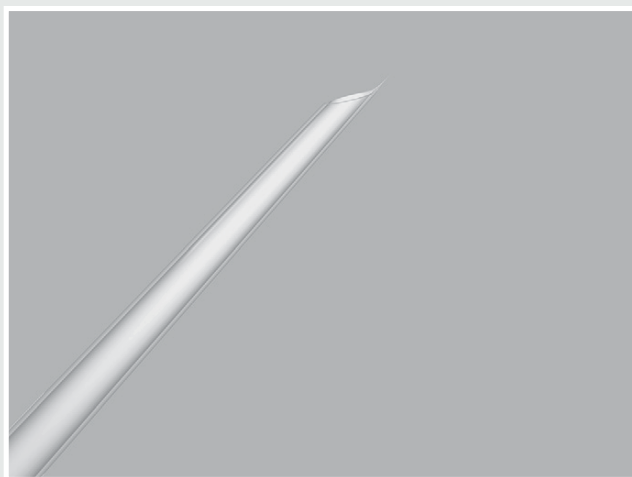


Illustration by Lisa Clark



Microtools

Our micromanipulation pipettes meet the demand for quality and precision during delicate procedures. The glass pipettes are designed for ICSI, blastomere or trophectoderm biopsy, zona pellucida dissection, and other micromanipulation procedures. Cook Flexipet® pipettes are made of flexible polycarbonate and used for denuding and manipulating gametes and embryos. For your convenience, pipettes and Flexipet pipettes are provided in color-coded packaging that allows you to quickly identify each tool.



Cook® Precision Holding Pipette and Cook® Precision Microinjection Pipette

The design of our Precision Holding Pipette and Precision Microinjection Pipette was a direct result of input from clinicians. We manufacture these precision pipettes to match the exacting demands of procedures such as ICSI. Cook produces pipettes for every aspect of micromanipulation, from holding to drilling.

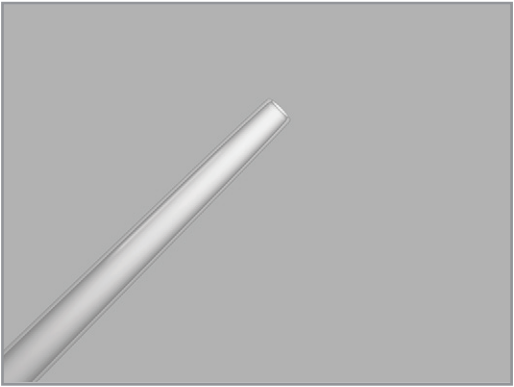
Microtools

Micromanipulation pipettes

Cook® Blastomere Aspiration Pipette	96
Cook® Partial Zona Dissection Pipette	96
Cook® Polar Body Biopsy Pipette	97
Cook® Precision Holding Pipette	97
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Cook® Testicular Sperm Extraction Pipette	98
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Flexible pipettes

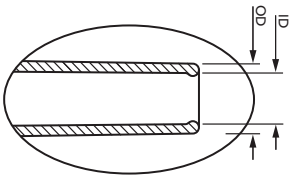
Cook® Flexipet® Adjustable Handle	100
Cook® Flexipet® Pipette	101



Cook® Blastomere Aspiration Pipette

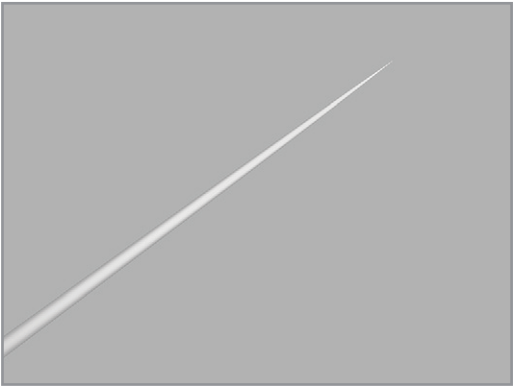
Used for the aspiration of blastomeres or trophectoderm cells.

- The pipette tip is cut straight and flame-polished smooth.
- Parallel walls facilitate smooth aspiration.
- Sold in boxes of 10.



Order Number	Reference Part Number	ID μm	OD μm	Distal Tip Angle degrees
G32795	K-EBPH-3035	30	42	35
G32799	K-EBPH-3535	35	49	35

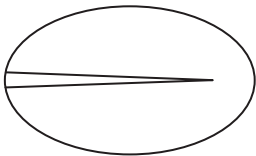
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Cook® Partial Zona Dissection Pipette

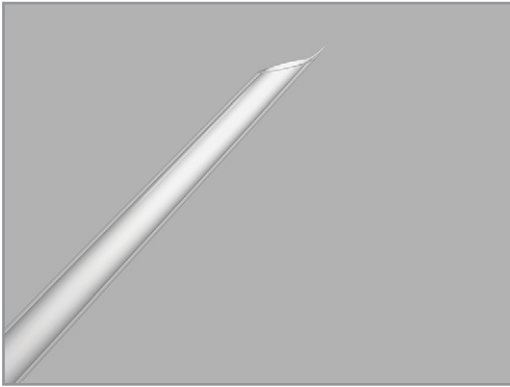
Used to create a slit or slits in the zona pellucida to enable assisted hatching and/or cell aspiration.

- The pipette's very fine point facilitates control when making precise cuts in the zona pellucida.
- Sold in boxes of 10.



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

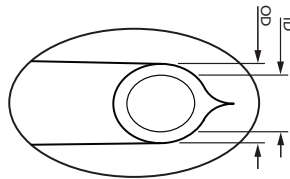
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Cook® Polar Body Biopsy Pipette

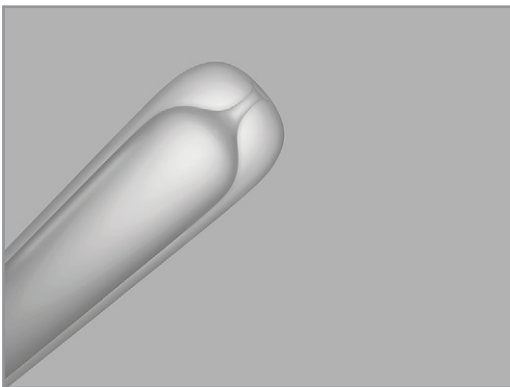
Used for the aspiration of polar bodies for preimplantation genetic diagnosis.

- A beveled tip that has a small spike to puncture the zona pellucida.
- Parallel walls to facilitate smooth insertion and aspiration of a polar body.
- Sold in boxes of 10.



Order Number	Reference Part Number	ID μm	OD μm	Distal Tip Angle degrees
G32822	K-PBBP-2035	20	28	35

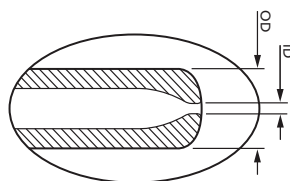
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Cook® Precision Holding Pipette

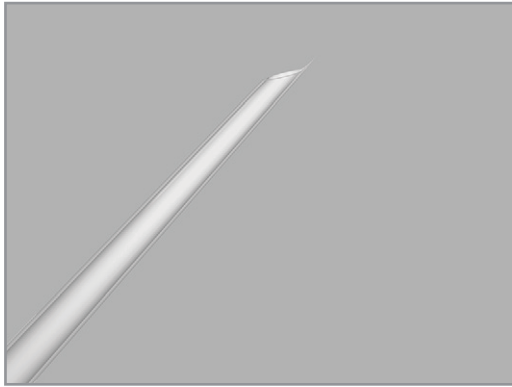
Used to hold the oocyte for ICSI or the embryo for other micromanipulation techniques.

- Flame polished.
- Pipettes are supplied in three groups. The "10" series has the smallest inner and outer diameters, the "21" series has larger inner and outer diameters, and the "33" series has the largest diameters.
- Sold in boxes of 10.



Order Number	Reference Part Number	ID μm	OD μm	Distal Tip Angle degrees
G32801	K-HPIP-1030	17	80	30
G32802	K-HPIP-1035	17	80	35
G32806	K-HPIP-2130	23	110	30
G32807	K-HPIP-2135	23	110	35
G32810	K-HPIP-3330	34	120	30
G32812	K-HPIP-3335	34	120	35

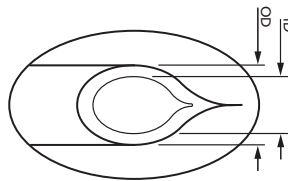
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Cook® Precision Microinjection Pipette

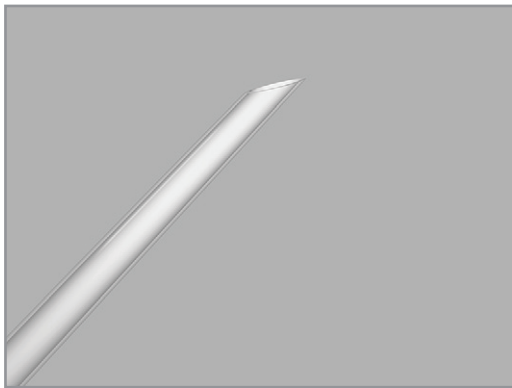
Used for the intracytoplasmic sperm injection (ICSI) of oocytes.

- Specifically designed for precise sperm control.
- Well-defined bevels to puncture the zona pellucida.
- Supplied in three groups: "10" series, "31" series, and "33" series.
- The "10" series has a longer taper-to-tip length than the "33" series. The bend-to-tip length is the same for all three series.
- Sold in boxes of 10.



Order Number	Reference Part Number	ID μm	OD μm	Distal Tip Angle degrees
G32817	K-MPIP-3130	4.7	6	30
G32818	K-MPIP-3135	4.7	6	35
G32813	K-MPIP-1020	5	7	20
G32814	K-MPIP-1030	5	7	30
G18090	K-MPIP-1035	5	7	35
G32821	K-MPIP-3330	5.5	7	30
G26684	K-MPIP-3335	5.5	7	35

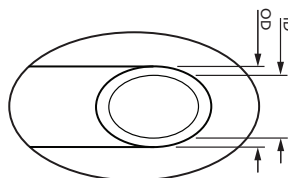
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Cook® Testicular Sperm Extraction Pipette

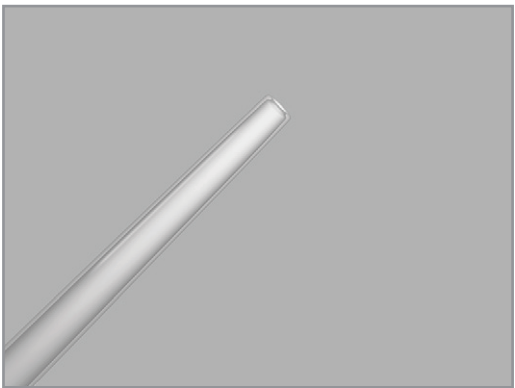
Used to separate sperm from the testicular tissue sample prior to intracytoplasmic sperm injection (ICSI).

- An inner diameter that enables easy extraction of sperm from the tissue sample.
- Parallel walls that facilitate smooth aspiration of sperm.
- Sold in boxes of 10.



Order Number	Reference Part Number	ID μm	OD μm	Distal Tip Angle degrees
G32823	K-TSEP-1035	6.5	9	35

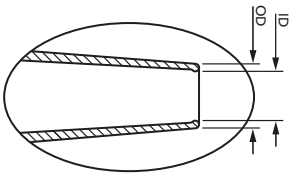
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Cook® Zona Drilling Pipette

Used to make a hole in the zona pellucida to enable assisted hatching and/or blastomere aspiration.

- Designed to facilitate acid application.
- Sold in boxes of 10.



Order Number	Reference Part Number	ID µm	OD µm	Distal Tip Angle degrees
G32790	K-AHP-1035	7	10	35
G32794	K-AHP-2035	10	13	35

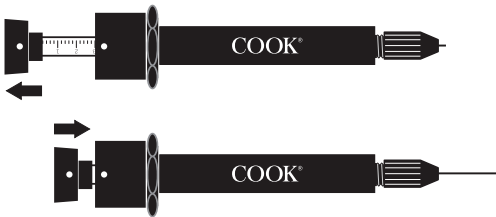
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Cook® Flexipet® Adjustable Handle

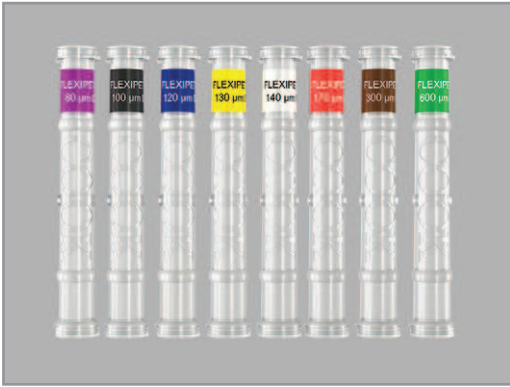
Used with Flexipet denuding and manipulation pipettes.

- Aspiration volume that 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 that accepts all sizes of Flexipet pipettes.



Order Number	Reference Part Number
Cook Flexipet Adjustable Handle	
G18674	K-MPH-1000
Replacement O-Ring Set	
One Small O-Ring, One Large O-Ring, Spacer, and Collet	
G18904	K-FRO-1000

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Cook® Flexipet® Pipette

Flexible polycarbonate pipettes used for denuding as well as gamete and embryo manipulation.

- Flexible polycarbonate will not break or scratch dishes.
- Pipette containers are color coded according to size.

Order Number	Reference Part Number	ID µm	Pipette Container Color
Denuding Pipettes			
5 Containers of 10 (50 Total)			
G46021	K-FPIP-1120-10BS-5	120	blue
G26711	K-FPIP-1130-10BS-5	130	yellow
G26712	K-FPIP-1140-10BS-5	140	white
G26713	K-FPIP-1170-10BS-5	170	red
10 Containers of 1 (10 Total)			
G46019	K-FPIP-1140-10	140	white
G46018	K-FPIP-1170-10	170	red
Manipulation Pipettes			
1 Container of 10 (10 Total)			
G26181	K-FPIP-1080-10BS	80	purple
G26718	K-FPIP-1100-10BS	100	black
G18878	K-FPIP-1300-10BS	300	brown
5 Containers of 10 (50 Total)			
G46020	K-FPIP-1300-10BS-5	300	brown
G26057	K-FPIP-1600-10BS-5	600	green
10 Containers of 1 (10 Total)			
G46017	K-FPIP-1300-10	300	brown

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