

# Inoculating Loops

- Sterile & disposable...no flaming
- Uniform streaking & inoculating
- Hexagonal grip - improves control
- Smooth loop surfaces - no gouging

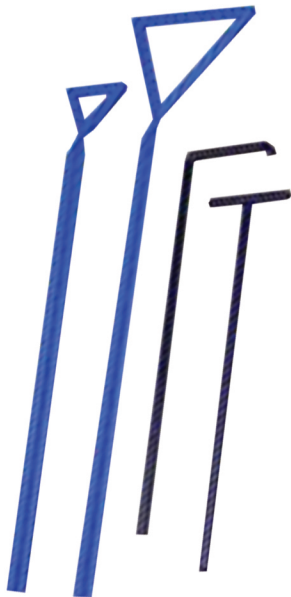


These sterile disposable plastic loops and needles are designed for use in quantitative procedures such as sampling, urine counts, serial dilutions, and for bacterial inoculation. Presterilized and designed for single use, there is no risk of cross contamination and no need for flaming. They are flexible enough for streaking, yet rigid enough for subsurface inoculation. The loop surfaces are extremely smooth with no rough edges and no burrs on the loop head. This results in the elimination of cutting or gouging of the agar surface. Sterile, disposable and verifiably accurate, these loops provide a cost-effective alternative to traditional metallic loops.

Cat. No.	Description	Packaging	Diameter	Qty
M4015	Inoculating loops, 1µL, 200mm, flexible PP	20 per sterile zip bag	1.0mm	1000
M4025	Inoculating loops, 10µL, 200mm, flexible PP	20 per sterile zip bag	3.0mm	1000
M4030	Inoculating needles, 200mm, rigid ABS	20 per sterile zip bag	N/A	1000

# Microbiological Spreaders

- Spreads cultures & liquids evenly
- Smooth edges - minimizes gouging
- Ideal for bacterial CFU counts
- Presterilized - no flaming required



**L-shape** The traditional spreaders are used for spreading bacteriological cultures evenly. The shape allows the user to rotate and apply easily throughout an entire round plate or dish. They are made of ABS and have a slight upward curve at the edge to prevent dragging or scraping.

**T-shape** This shape ensures that consistently even pressure can be applied across the entire span of the 34mm spreading surface. Designed for spreading and dispersing liquids across the surface of agar culture plates, they are made of ABS and commonly used for CFU plate counts on water, milk, urine, etc.

**Triangle Shape** This new design is also used for CFU count applications, but has a grooved handle that improves grip and orientation. Made of polypropylene, they are available with a 30mm span or an extra large 60mm span.

Cat. No.	Description	Packaging	Qty
M5420	Spreaders, L-Shape, 38 x 156mm	1 per sterile peel, 500 peels	500
M5421	Spreaders, L-Shape, 38 x 156mm	10 per sterile peel, 50 peels	500
M5430	Spreaders, T-Shape, 34 x 140mm	1 per sterile peel, 500 peels	500
M5431	Spreaders, T-Shape, 34 x 140mm	10 per sterile peel, 50 peels	500
M5441	Spreaders, Triangle, 60 x 235mm	10 per sterile bag, 10 bags	100
M5451	Spreaders, Triangle, 30 x 2207mm	10 per sterile bag, 10 bags	100

# PolyPestle™ Dual-Sided Pestle

Conical side for 1.5mL microtubes

Convex side for cell strainers



- Double sided for increased usefulness
- Textured handle for secure grip
- Homogenize samples in 1.5mL tubes
- Sterile and individually wrapped

Cat. No.	Description	Qty
C4010	PolyPestle™ Dual Sided Pestle, for cell strainers and 1.5mL microtubes, sterile, individually wrapped	50