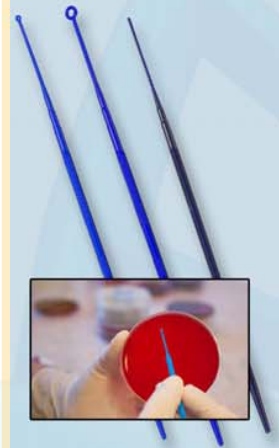


## Inoculating Loops

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.

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



Cat. No.	Description	Packaging	Diameter	Qty
M4015	Inoculating loops, 1µl, 200mm, flexible PP	25 per sterile zip bag	1.0mm	1000
M4025	Inoculating loops, 10µl, 200mm, flexible PP	25 per sterile zip bag	3.0mm	1000
M4030	Inoculating needles, 200mm, rigid ABS	25 per sterile zip bag	N/A	1000

## Spreaders



- Spread cultures & liquids evenly
- Smooth-edges - minimize 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	Spreader, L-Shape, 38x156mm	1 per sterile peel, 500 peels	500
M5421	Spreader, L-Shape, 38x156mm	10 per sterile peel, 50 peels	500
M5430	Spreader, T-Shape, 34x140mm	1 per sterile peel, 500 peels	500
M5431	Spreader, T-Shape, 34x140mm	10 per sterile peel, 50 peels	500
M5440	Spreader, Triangle, 60x235mm	1 per sterile bag, 500 bags	500
M5441	Spreader, Triangle, 60x235mm	25 per sterile bag, 4 bags	100
M5451	Spreader, Triangle, 30x207mm	10 per sterile bag, 10 bags	100

## PolyPestle™ Double-Sided Pestle

**NEW**

Conical side for 1.5mL microtubes

Convex side for cell strainers



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



Cat. No.	Description	Qty
C4010	PolyPestle™ double-sided pestle for cell strainers and 1.5mL microtubes, sterile, individually wrapped, RNase & DNase free	50