

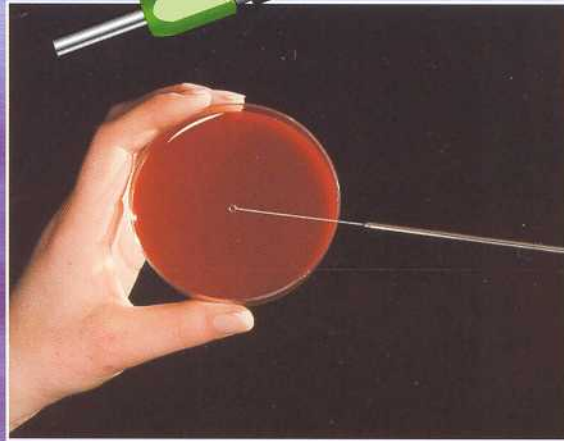


MW&E

Loops and needles
for perfect
inoculation.

NEW

Platinum Microloop[®]



Laboratory

Microloops[®]

Microloops[®]

A range of loops and accessories for perfect inoculation



MW&E offer a comprehensive range of inoculating loops. Decades of experience in the manufacture of precision inoculating loops ensures that you can rely on Microloops for accurate volumetric technique every time.

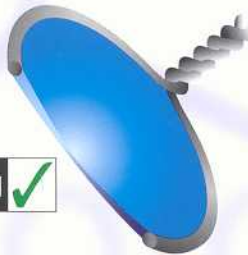
Microloop[®]

A wide range of premium quality, accurately sized twisted Nichrome 5 wire loops, available in 6 volumetric sizes. Nichrome wire offers all the benefits of platinum without the cost. Even accurately formed loops glide smoothly across the agar surface producing good isolated colonies.

- **Rapid Cooling**
- **Consistent and reproducible results**

Calibrated¹⁻⁸

- **Accurately calibrated** with Evans Blue dye test³⁵⁸
- **Certificate** of Calibration supplied with each Microloop
- **1µl and 10µl**



Plastic Microloop[®]

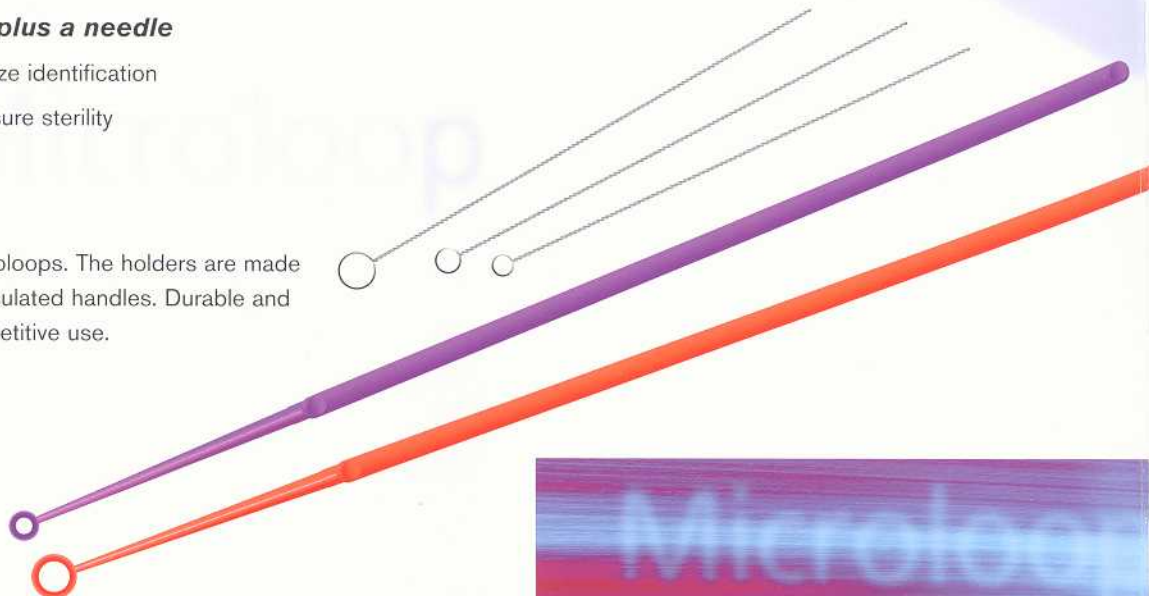
Premium quality sterile plastic disposable inoculating loops and needles. Precision moulded to ensure smooth edges that avoid tearing and gouging of agar. Available sterile in individual peel pouch or tamper-evident resealable bags of twenty.

- **Three convenient sizes plus a needle**
- **Colour coded** for instant size identification
- **Tamper evident** packs ensure sterility

Microloop[®] Holders

Designed for use with MW&E Microloops. The holders are made from high quality brass with well insulated handles. Durable and long lasting yet light enough for repetitive use.

- **Extremely Robust**
- **Choice of three sizes**
- **Insulated handle**



Microstreaker[®]

Combined twisted nichrome wire loops and light weight, insulated aluminium holders, perfectly balanced for easy manipulation. Microstreakers glide smoothly across the surface of agar without tearing or gouging.

- **Colour coded** for instant size identification
- **Rapid Cooling**

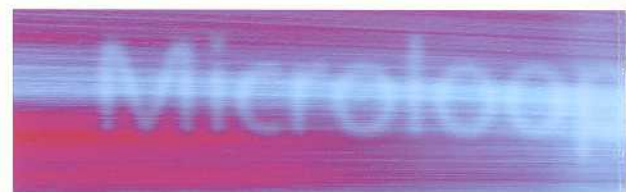
Calibrated¹⁻⁸

- **Accurately calibrated** with Evans Blue dye test³⁵⁸
- **Certificate** of Calibration supplied with each Microloop
- **1µl and 10µl**

Microloop[®] Calibration Gauge

The use of a calibration gauge in the laboratory maintains standards and gives peace of mind. The simple to use gauge is a quick and effective way to ensure your loops are within specification. UKAS certificate available upon request.

- **Go No-Go gauge for guaranteed calibration**
- **Simple to use**
- **1µl and 10µl**
- **Robust construction**







Order Details

| Code | Description | Quantity |
|------|-------------|----------|
|------|-------------|----------|

Microloop® precision Nichrome 5

| | | |
|---|---------------------------------|----|
|  MW190 | Ø 5.0mm volume 10µl | 25 |
|  MW191 | Ø 3.5mm volume 5µl | 25 |
|  MW192 | Ø 2.9mm volume 3.3µl | 25 |
|  MW193 | Ø 2.5mm volume 2.5µl | 25 |
|  MW194 | Ø 2.2mm volume 2µl | 25 |
|  MW195 | Ø 1.5mm volume 1µl | 25 |
|  MW197 | Straight Wire Needle Nichrome 5 | 25 |

 Individually calibrated & certified

| | | |
|--|-----------------|---|
|  MW1901 | 10µl Nichrome 5 | 1 |
|  MW1951 | 1µl Nichrome 5 | 1 |

Microloop® plastic disposable





| | | |
|---|--------|----------|
|  MW7001 | 10µl | 1000 x 1 |
|  MW70020 | 10µl | 50 x 20 |
|  MW7051 | 5µl | 1000 x 1 |
|  MW70520 | 5µl | 50 x 20 |
|  MW7011 | 1µl | 1000 x 1 |
|  MW70120 | 1µl | 50 x 20 |
|  MW7021 | Needle | 1000 x 1 |
|  MW70220 | Needle | 50 x 20 |

Microloop® calibration gauge


| | | |
|---|------|---|
|  MW188 | 10µl | 1 |
|  MW189 | 1µl | 1 |

| Code | Description | Quantity |
|------|-------------|----------|
|------|-------------|----------|




Microstreaker® aluminium handle with Nichrome 5 loop

| | | |
|--|--------|---|
|  MW180 | Large | 5 |
|  MW182 | Medium | 5 |
|  MW184 | Small | 5 |
|  MW186 | Needle | 5 |

 Individually calibrated & certified

| | | |
|---|-----------------|---|
|  MW1851 | 10µl Nichrome 5 | 1 |
|  MW1871 | 1µl Nichrome 5 | 1 |

Microloop® holders

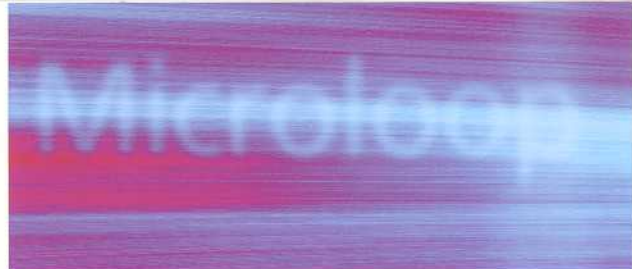
| | | |
|---|----------------|---|
|  MW1966 | 150mm (6 Inch) | 1 |
|  MW1967 | 175mm (7 Inch) | 1 |
|  MW1968 | 205mm (8 Inch) | 1 |

Platinum Microloop® NEW

| | | |
|--|------|---|
|  MW190PL | 10µl | 1 |
|  MW195PL | 1µl | 1 |

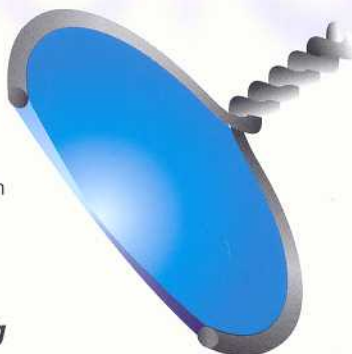
 Individually calibrated & certified

| | | |
|--|-----------------|---|
|  MW197PL | Platinum Needle | 1 |
|--|-----------------|---|



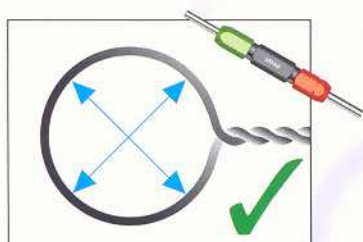
Calibration¹⁻⁸

Calibration of Microloop[®] and Microstreaker[®] is carried out by the Evans Blue dye method^{35B} as recommended by the American Society for Microbiology.

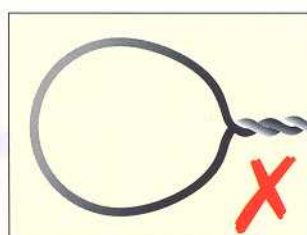


Precision manufacturing

The MW&E manufacturing process ensures a perfectly symmetrical loop with equal dimensions, not an uneven oval. This allows the use of our gauge for future calibration once we have certified the loop.



Microloop



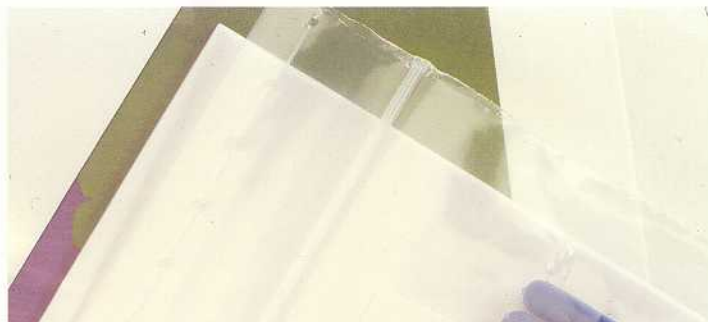
low cost loop

MW&E Microloop[®] made from Nichrome 5[®]

Nichrome 5[®] is an alloy of 80% Nickel and 20% Chromium and has long been regarded as the finest alloy of its type for repeated heating. It gives outstanding performance at temperatures up to 1200°C.

Plastic Microloop packaging

Tamper evident bag with tear seal top and resealable opening.

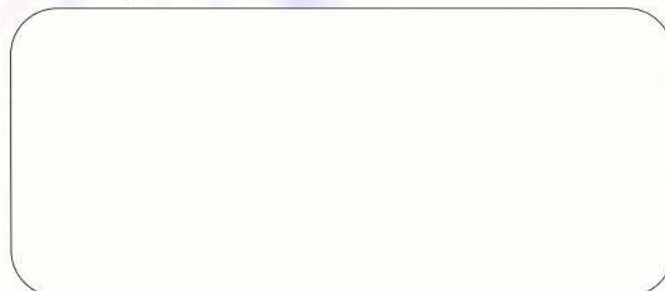


GUARANTEED STERILITY: TAMPER-EVIDENT SEAL TO ENSURE STERILITY EVERY TIME.

References

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- 2 **Claridge J.E., J.R. Johnson and M.T. Pezzlo**. 1998. *Cumitech 2B, Laboratory Diagnosis of Urinary Tract Infections*. Coordinating ed., A.S. Weissfeld, American Society for Microbiology, Washington, D.C.
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- 4 **Steiner P.** 1989. Basic laboratory principles and calculations, p.16 In L.A. Kaplan and A.J. Pesce (ed.) *Clinical Chemistry, 2nd ed.* The C.V. Mosby Co., St. Louis.
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- 6 **NCCLS**. 1984. Determining performance of volumetric equipment. Proposed guideline. NCCLS document 18-P. NCCLS, Villanova, Pa
- 7 **Albers A.C. and R.D. Fletcher**. 1983. Accuracy of calibrated-loop Transfer. *J. Clin. Microbiol.* **18**:40-42.
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Dealer stamp



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