



mwe

MEDICAL WIRE

MICROLOOPS[®]

MWE's Microloops[®] are precise, accurate, and validated to medical devices ISO standards



MICROLOOPS®

50 YEARS OF EXPERIENCE
MANUFACTURING LOOPS
THAT MEET ISO STANDARDS

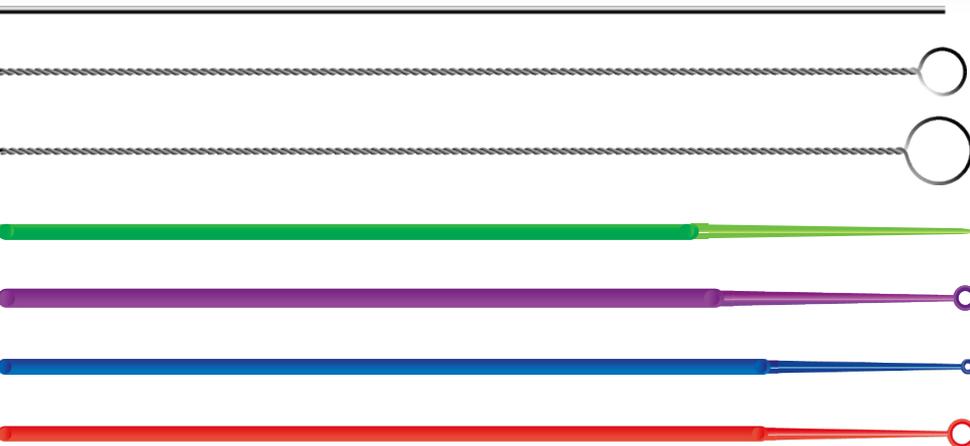


MWE's Microloops® are a range of inoculating loops that have been designed and moulded with precision, to ensure you can rely on them for accurate volumetric technique every time.

**DID
YOU
KNOW?**

- Loops are *in vitro* medical devices
- They are used for analysis of a patient's specimen
- They should be manufactured to ISO 9001:2015
- They should be validated and regulated

MWE's Microloops® are medical devices, are CE marked,
and meet ISO Standards



MWE's Microloops® are calibrated, ensure better wetting, have precise moulded smooth edges, are medical devices, and validated to ISO standards. We offer a range of Microloops® and needles.

Plastic Microloops®

Sterile plastic Microloops® and needles by MWE are made with precision moulded smooth edges to prevent gouging of the agar surface. They also ensure good wettability for safe transfer of liquid samples. For comfortable handling and control, these Microloops® have a rigid yet flexible dual sectional shaft.

- Available as single or packs of multiples
- 3 loop sizes: 1µl, 5µl, 10µl
- Needle version available
- Colour coded for easy, visual selection
- Tamper-evident bags for guaranteed sterility

Nichrome 5 Microloops®

Sterile, accurately sized, twisted Nichrome 5 wire loops, offer all the benefits of platinum, without the costs. These are available in 6 volumetric sizes. Nichrome 5 is the finest for repeated heating. It is made up of 80% Nickel and 20% Chromium. It gives outstanding performance at temperatures up to 1200°C.

- Available in multiple packs
- 6 loop sizes: 1µl, 2µl, 2.5µl, 3.3µl, 5µl, 10µl
- Needle version available
- Twisted wire - reduces vibrations
- Stable during repeated heat/cool cycles
- Fully closed loop for secure transfer of drop

Nichrome 5 Calibrated Microloops®

Calibrated Nichrome Microloops® are manufactured with the same precision as Nichrome 5 standard Microloops®. These are calibrated and packed individually. Calibrated loops are individually measured to ensure they meet specification. A calibration certificate is provided.

- Available as singles
- 2 loop sizes: 1µl, 10µl
- Calibrated, and available with a calibration certificate

Platinum Calibrated Microloops®

The method of streaking out of bacteria on agar surfaces plates was devised in Robert Koch's laboratory, but the introduction of platinum wire loops is attributed to Mazyck P. Ravenel. Although now largely superseded by nichrome, platinum is still used in some laboratories because of its faster cooling and complete resistance to oxidation and chemical degradation.

- Available as singles
- 2 loop sizes: 1µl, 10µl
- Needle version available
- Calibrated, and available with a calibration certificate

Microstreakers®

Microstreakers® are a combination of twisted Nichrome 5 wire loops and lightweight insulated aluminium holders. They are made with precision to enable easy manipulation, and to help glide smoothly across the agar without gouging.

- Available as standard or calibrated
- 2 loop sizes: 1µl, 10µl for calibrated version
- Needle version available
- Precision Microstreaker® available in Small, Medium, Large
- These are colour coded for easy identification
- Rapid cooling
- Consistent reproducible results

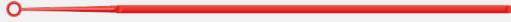
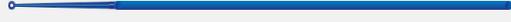
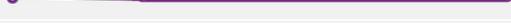
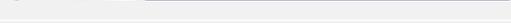
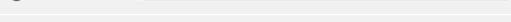
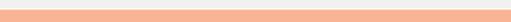
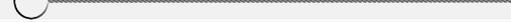
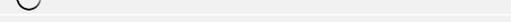
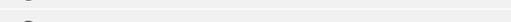
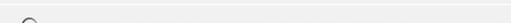
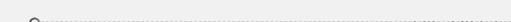
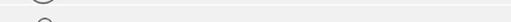
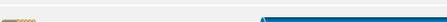
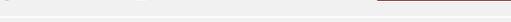
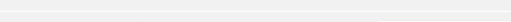
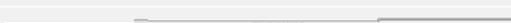
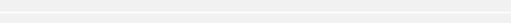
Microloops® Calibration Gauge

Calibrated Microloops® being used regularly should be checked on a monthly basis for accuracy. An easy way to comply is by using the Microloops® Calibration Gauge (UKAS certified). This is a simple, but precision tooled Go No-Go Gauge which is used in accordance with the US FDA drill bit method. Measurement is physical and there is no requirement for a spectrophotometer.

- Simple to use
- 2 loop sizes: 1µl and 10µl
- Robust construction
- In accordance to the US FDA drill bit method



List of Product Options (Variants)

Code	Size	Style/Int.Diameter	Pack Size	
Moulded Plastic Microloops® - Single Use				
MW710/20	10µl	Classic	50 x 20	
MW711/20	1µl	Classic	50 x 20	
MW705/20	5µl	Standard	50 x 20	
MW702/20	Needle	Standard	50 x 20	
Microloops® Plastic - Individually Wrapped				
MW700/1	10µl		1000 x 1	
MW701/1	1µl		1000 x 1	
MW705/1	5µl		1000 x 1	
MW702/1	Needle		1000 x 1	
Nichrome 5 Microloops® - Reusable				
MW190	10µl	5.0mm	25	
MW191	5µl	3.5mm	25	
MW192	3.3µl	2.9mm	25	
MW193	2.5µl	2.5mm	25	
MW194	2µl	2.2mm	25	
MW195	1µl	1.5mm	25	
MW197	Needle	-	25	
Calibrated Nichrome 5 Microloops® - Reusable				
MW1901	10µl	Ø 5.0mm	1	
MW1951	1µl	Ø 1.5mm	1	
Calibrated Platinum Microloops® - Reusable				
MW190PL	10µl	Ø 5.0mm	1	
MW195PL	1µl	Ø 1.5mm	1	
MW197PL	Needle	-	1	
Microloops® Holders				
MW196/6		n/a	1	
MW196/7			1	
Microloops® Calibration Gauge				
MW188	10µl	-	1	
MW189	1µl	-	1	
Nichrome 5 Microstreaker® - Reusable				
MW180	Large	nominal size - 10µl	5	
MW182	Medium	nominal size - 3.3µl	5	
MW184	Small	nominal size - 2µl	5	
MW186	Needle	-	5	
Calibrated Nichrome 5 Microstreaker® - Reusable				
MW1851	10µl		1	
MW1871	1µl		1	

All products listed above have a 5 year shelf life

