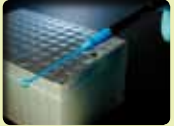


# Sterile Loops

For Use in Critical Environments



Step 1.  
Pierce sealing film with handle. Press down and needle or loop will attach itself.



Step 2.  
Astral Loop or Streaking Needle is now ready to use.



Step 3.  
When finished, eject Astral Loop or Streaking Needle by pressing button on top with thumb.

## Astral™ Inoculation System

The tedious, time consuming task of inoculating cultures into petri dishes just got a lot faster and a lot more reliable. The Astral Inoculation System eliminates the metal or wire loop flaming step and the hazards of spattering, cross-contamination, infectious aerosols and open flame. Each loop is securely sealed for increased sterility assurance.

The Astral™ Inoculation System consists of a color coded inoculation loop or needle and a specially designed handle which may be autoclaved repeatedly, without damage. The inoculation loops are color coded, sterile, available in 1ul or 10ul sizes and are packaged in 96 chamber racks. All Astral Loops and Streaking Needles are certified to be free of RNase, DNase, DNA, pyrogens and PCR inhibitors.

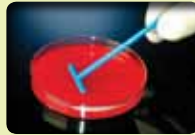
1ul, loop, 96/pack, 10 packs/case, 960.....	7000
10ul, loop, 96/pack, 10 packs/case, 960.....	701096
Needle, 96/pack, 10 packs/case, 960.....	702096

# Spreaders

## Spreader, L and T Shaped, Disposable, Sterile

Economical alternative to bending glass rods or pipets for spreading microbiological samples on agar surfaces and filters in Petri dishes. They are supplied sterile - no need to flame sterilize or autoclave. Made of durable, disposable polystyrene. Unlike glass spreaders, they are non-breakable and do not pose a safety hazard.

L-Shaped Spreader, 1/pack, 500/case.....	174CS01
L-Shaped Spreader, 5/pack, 1000/case.....	174CS05
L-Shaped Spreader, 10/pack, 500/case.....	174CS10
L-Shaped Spreader, 10/Zip-Lock™ bag, 500/case.....	174CS10ZL
T-Shaped Spreader, 1/pack, 500/case.....	COPTS
T-Shaped Spreader, 10/pack, 500/case.....	COPTS10
T-Shaped Spreader, 10/Zip-Lock™ bag, 500/case.....	COPTS10ZL
T-Shaped Spreader, 5/pk, 1000/case.....	COPTS5



# Loop Calibrator

## CalCheck™, Calibrator

Surgical stainless steel posts for the insertion into calibrated loops made of 26 gauge wire only. Ideal for use with calibrated wire nichrome and platinum loops. Green end goes through loop, red end does not. This "Go" and "No Go" system is a simple and rapid method recommended as a weekly calibration check. By Hardy Diagnostics.

CalCheck™ for 1ul loop of 26 gauge wire, 1 per package.....	7020
CalCheck™ for 10ul loop of 26 gauge wire, 1 per package.....	7010



# Loop Incinerator

## Bacti-Cinerator IV

Sterilizes loops and needles by infrared heat safely in ceramic tube. No open flame or hazardous gas. Prevents infectious spatter and/or cross contamination. Ideal for use in anaerobic chambers. Complete sterilization takes only 5 to 7 seconds at optimum sterilizing temperature of 1500° F. Base is weighted for stability and provides convenient storage for 6 needle holders.

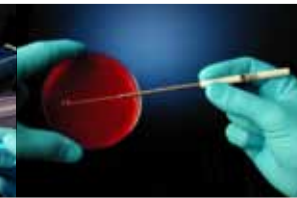


Electric Bacti-Cinerator IV.....	004002
Ceramic Heat Element Replacement IV.....	001373



# Inoculating LOOPS

- LoopCaddy™ System
- Disposable Loops
- Metal Loops
- Sterile Loops
- Spreaders
- Loop Calibrator
- Bacti-Cinerator



A Culture of Service . . .

phone: 800.266.2222  
fax: 805.346.2760

website: HardyDiagnostics.com  
email: Sales@HardyDiagnostics.com

Santa Maria, CA | Salt Lake City, UT | Phoenix, AZ |  
Tacoma, WA | Lima, OH | Irving, TX

# LoopCaddy™ System

A convenient, acrylic loop holder for use with the Hardy Diagnostics resealable loop pouches. The loop pouch slides onto the loop holder, which holds it steady for easy one-handed dispensing. The loop handles remain covered on top to reduce airborne contaminants. The Loop Caddy™ eliminates the laborious task of opening and closing loop containers each time a loop is needed. Loops are available as Rigid or Flexible.



Slide resealable loop pouch into LoopCaddy™.

Peel open the resealable tab on top.

Secure the tab into clip.

Take out loop and reseal tab.

## Inoculation Loops and Needles in Resealable Pouches

- 1ul, loop, calibrated, 20cm, flexible, 40/pack, 1000/bx.....178CSR40
- 1ul, loop, calibrated, 20cm, rigid, 40/pack, 1000/bx.....8175CSR40H
- 10ul, loop, calibrated, 20cm, flexible, 40/pack, 1000/bx.....179CSR40
- 10ul, loop, calibrated, 20cm, rigid, 40/pack, 1000/bx.....8177CSR40H
- 20cm, needle, medium, 40/pack, 1000/bx.....176CSR40
- LoopCaddy™ acrylic holder for above pouches.....K24H

Order 4 Boxes and  
get a LoopCaddy™  
FREE!

# Disposable Loops



## SpeedStreak™ Loops and Needles in Rigid Containers

For Microbiologists who prefer loops packaged in rigid rectangular plastic containers that won't roll off the bench! Certificate of Calibration available.

- 1ul, loop, calibrated, flexible, 50/tube, 1000/bx.....HST1F
- 1ul, loop, calibrated, rigid, 50/tube, 1000/bx.....HST1R
- 1ul, loop, calibrated, rigid, 150/tube, 900/bx.....HLT1R
- 1ul, loop, calibrated, flexible, 150/tube, 900/bx.....HLT1F
- 10ul, loop, calibrated, flexible, 150/tube, 900/bx.....HLT10F
- 10ul, loop, calibrated, rigid, 150/tube, 900/bx.....HLT10R
- 10ul, loop, calibrated, flexible, 50/tube, 1000/bx.....HST10F
- 10ul, loop, calibrated, rigid, 50/tube, 1000/bx.....HST10R
- 1.45mm, needle, medium, 150/tube, 900/bx.....HLTND
- 1.45mm, needle, medium, 50/tube, 1000/bx.....HSTND
- 1.15mm needle, 15cm length, mini-tip,1000/box.....COPMIN



## SpeedStreaks™ Loops and Needles in Ziploc® Bags

SpeedStreaks™ are Hardy Diagnostics original line of disposable inoculating loops. The loops are available in several styles and are color coded for convenience. The 1ul and 10ul loops come each in two different styles, rigid-hard, or flexible-soft, to fit a variety of streaking preferences. Certificate of Calibration available.

- 1ul, loop, calibrated, dark green, rigid, 25/pack, 1000/case.....HS1R
- 1ul, loop, calibrated, light green, flexible, 25/pack, 1000/case.....HS1F
- 10ul, loop, calibrated, dark blue, rigid, 25/pack, 1000/case.....HS10R
- 10ul, loop, calibrated, light blue, flexible, 25/pack, 1000/case.....HS10F
- Needle, violet, rigid, 25/pack, 1000/case.....HSND

# Metal Loops

## Loop, Nichrome, Calibrated

Calibrated inoculating loop, made from high-grade nickel-chromium alloys to ensure repeated, accurate usage. Guaranteed to deliver precisely 1ul or 10ul of specimen, with or without handle.

- 26 gauge twisted nichrome wire:
- 1ul, with aluminum handle, each.....3730
- 1ul, without handle, each.....3630
- 10ul, with aluminum handle, each.....3740
- 10ul, without handle, each.....3640

## Loop, Nichrome, Non-Calibrated

Non-calibrated inoculating loop, made from high-grade nickel-chromium alloys to ensure durability. Non-calibrated and economical.

- 26 gauge twisted nichrome wire
- 2mm loop, 3" without handle, 25/pack.....CAS310
- 3mm loop, 3" without handle, 25/pack.....CAS311
- 4mm loop, 3" without handle, 25/pack.....CAS312
- 5mm loop, 3" without handle, 25/pack.....CAS313
- 2mm loop, 3" with handle, 1/pack.....CAS316
- 3mm loop, 3" with handle, 1/pack.....CAS317
- 4mm loop, 3" with handle, 1/pack.....CAS318
- 5mm loop, 3" with handle, 1/pack.....CAS319

## Loop, Platinum, Calibrated

Suited for urine and milk cultures. The 10ul loops are calibrated to A.P.H.A. standards. Made of 19 gauge B & S platinum wire with 5% rhodium. The 1ul loop is made of 26 gauge B & S platinum with 15% iridium. Handle not included, see Cat. no. 6000 (top of page). By McCormick.

- 1.45mm loop, 26 gauge straight wire, 70mm long,  
delivers 1ul, each.....3830
- 4mm loop, 19 gauge straight wire, 25mm long,  
delivers 10ul, each.....103100

## Loop, Platinum, Non-Calibrated

Made of 19 gauge platinum wire with 5% rhodium. By McCormick.

- 26 gauge straight wire, 45mm long
- 2mm diameter loop, each.....101120
- 3mm diameter loop, each.....101138
- 5mm diameter loop, each.....101153

## Needle, Nichrome

Straight needle used to inoculate various liquids, suspensions, deeps, and slants. Made from high-grade nickel-chromium alloy.

- Needle, with aluminum handle, insulated sleeve, 5/pack.....3060
- Needle, without handle, 3mm, each.....3326

## Loop Handle with Sleeve

Aluminum loop holder for use with calibrated or non-calibrated Nichrome wire inoculating loops. Shafts of the loop handles are insulated with PVC.

- Loop Handle, 8 inches.....6000



## Loop Handle

These extremely durable loop handles easily attach to your platinum or nichrome loops. The brass handles also feature a rubber sleeve for added grip and comfort.



## Nichrome Loop with Handle

Low cost, lightweight handle with attached loop for ease of streaking.



## Nichrome Loops

Our Nichrome loops are available either calibrated or non-calibrated. These high quality twisted wire loops are noted for smooth streaking and longevity. Nichrome has approximately 80% of the life-span of platinum. All loops are made of 26 gauge wire that can be checked for calibration using our calibration checkers, CalCheck™ (see reverse). Nickel plated brass handles with a threaded tip and rubber sleeve are available separately.