

# Biology Tweezer Line

Made of superalloy (CX) or high-alloy stainless steel (DX), Ideal-tek biology tweezers are the perfect choice to be used under a microscope as the ultra-fine tips are ideal for handling extremely minute material and grids. The superior alloy materials resist extreme temperatures, chemicals and other harsh conditions.

## Ni-Cr-Mo Anti-Acid/Anti-Magnetic Superalloy (CX)

### General notes:

- » **Ni-Cr-Mo superalloy**
- » excellent strength and heat resistance to 800°C
- » six times harder than antimagnetic stainless steel
- » resistant to fatigue, very high shape retention
- » fully non-magnetic
- » excellent corrosion resistance to most chemicals, salts and acids

Typical applications include non-magnetic tools for laboratory and medical applications in aggressive chemical environments and high precision non-magnetic tools for electronics and watch industry.



### 3SG.CX

Serrated handles - Tips: straight, very sharp, fine, superior finish. OAL: 120mm



### 4SG.CX

Serrated handles - Tips: straight, extra fine, superior finish. OAL: 110mm



### 5SG.CX

Serrated handles - Tips: straight, extra fine, superior finish. OAL: 110mm



### 7SG.CX

Serrated handles - Tips: very fine, curved, superior finish. OAL: 120mm

## MINI BIOLOGY TWEEZERS



### M3E.CX

Tips: straight, sharp, fine, superior finish. OAL: 80mm



### M5E.CX

Tips: straight, extra fine, superior finish. OAL: 80mm

## High alloy Stainless Steel - (DX)

### General notes:

- » **low carbon high alloy austenitic stainless steel**
- » high-alloy austenitic stainless steel provides resistance to corrosion
- » very good resistance in acidic environments, e.g. sulphur, phosphoric and acetic acid
- » very good resistance to pitting in neutral chloride-bearing solutions
- » very good resistance to stress corrosion cracking
- » non-magnetic in all conditions and has excellent formability and weldability
- » excellent toughness even down to cryogenic temperatures
- » maximum service temperature is at 450°C

Typical applications include chemical and pharmaceutical industries, cryogenic laboratories and process industries.



**3.DX**  
 Tips: straight, very sharp, fine, superior finish.  
 OAL: 120mm



**4.DX**  
 Tips: straight, extra fine, superior finish. OAL: 110mm



**5.DX**  
 Tips: straight, extra fine, superior finish. OAL: 110mm



**7.DX**  
 Tips: very fine, curved, superior finish. OAL: 120mm