

Replaceable-Head Stainless Steel Tweezers

◆ Product Description

Interchangeable-head stainless steel tweezers are anti-static tools specially designed for multi-scenario precision operations, this series enables second-level replacement of different functional heads through quick-release buckles, paired with a variety of tip shapes. It solves the limitation of "one tweezer for one use" of traditional fixed-head tweezers, greatly improving tool utilization rate and operational efficiency.

- Modular Interchangeable-Head Design
- Black PPS Injection-Molded Head
- Full-Link Anti-static Protection
- 304 Stainless Steel Handle
- Full-Scenario Precise Adaptation

◆ Product Structure

- ESD stainless steel tweezers adopt an integrated solder-free structure and are made of 302 stainless steel. The tips are precision-ground to ensure clamping accuracy, the variable cross-section design of the tweezer arms balances elasticity and strength, the ergonomic structure of the handle improves operational comfort, and the tail integrates storage and identification functions.

◆ Typical Applications

- Interchangeable-head stainless steel tweezers adopt a modular structure consisting of a 304 stainless steel handle and a black PPS injection-molded head. the stainless steel handle undergoes forging and anti-slip treatment, while the PPS head is conductively modified and precision-molded. all components are detachable and replaceable with universal interfaces, balancing clamping accuracy, durability, and multi-scenario adaptability.



◆ Typical Product Data and Physical Properties

Handle Material: 304 Stainless Steel

Tweezer Head Material: PPS Injection-Molded Head

Connecting Buckle: Phosphor Bronze

Color: Black

Anti-static Performance: $1 \times 10^6 \Omega$

Handle Tensile Strength: $\geq 500 \text{MPa}$

PPS Head Tensile Strength: $\geq 193 \text{MPa}$

Tip Clamping Precision: $\leq 0.02 \text{mm}$

Opening and Closing Fatigue Life: $\geq 50,000$ cycles

Availability:

Item#	Model	Spec	Length	Weight
1.2.06.04.0002	ESD-242	Sharp and Thin Straight Tip	120MM	0.052kg
1.2.06.04.0003	ESD-249	45° Domed Pointed Tip	125MM	0.052kg
1.2.06.04.0004	ESD-250	90° Domed Flat Tip	120MM	0.052kg
1.2.06.04.0005	ESD-259	Arc-shaped Pointed Tip	120MM	0.052kg
1.2.06.04.0006	ESD-259A	Flat Quadruple Pointed Tip	115MM	0.052kg
1.2.06.04.0007	ESD-2A	Tapered Flat Pointed Tip	125MM	0.052kg
1.2.06.04.0008	ESD-7A	Duckbill Flat Tip	130MM	0.052kg
1.2.06.04.0009	ESD-00	Standard Straight Tip	100MM	0.052kg

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

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