

MPT Probes

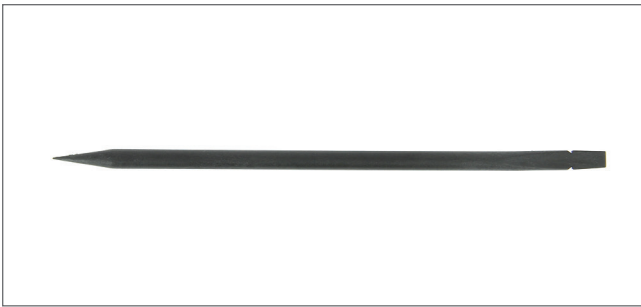
Multi-purpose tools for electronics, chemistry and watchmaking.

Applications:

- » probe for lead-free soldering operations
- » positioning aid tool for assembly operations
- » spatula for applying adhesives, dosing chemicals in labs
- » stirring rod for the preparations of adhesives, solutions
- » scraper to remove solder masking agents, rubber latex, adhesive coatings
- » microscopy sampling applications

Probes are wear resistant and the soft tips do not scratch delicate surfaces.

Available in three different types and materials or a complete set.



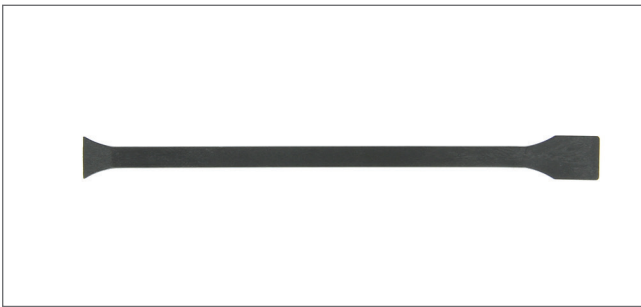
MPT1R

Rounded body - Fine tip and flat strong tip
 Length: 150 mm, 5.90"



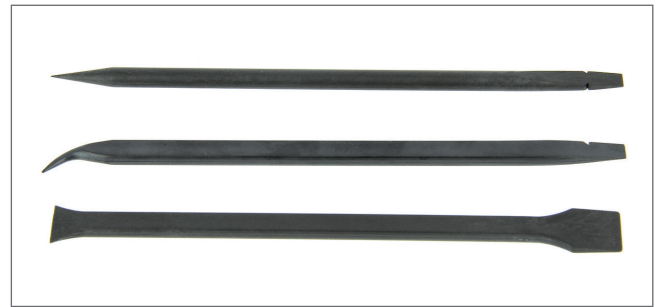
MPT2

Squared body - Curved fine tip and flat strong tip
 Length: 150 mm, 5.90"



MPT3

Squared body - Flat fine sharp tip and flat large fine tip
 Length: 140 mm, 5.51"



MPT123

Kit of MPT1R, MPT2, MPT3

Model	Material		
	CP	SV	NY
MPT1R	MPT1RCP	MPT1RSV	MPT1RNY
MPT2	MPT2CP	MPT2SV	MPT2NY
MPT3	MPT3CP	MPT3SV	MPT3NY
MPT123	MPT123CP	MPT123SV	MPT123NY

Different materials available

High-performance plastic type CP

- » PEEK polyetheretherketone reinforced with carbon nano
- » very hard, rigid, high tensile and flexural strength, very high wear resistance
- » high heat capability (260-300°C), good dimension stability, low thermal linear expansion coefficient
- » excellent resistance to chemicals and aggressive agents, excellent resistance to thermal ageing
- » ESD-safe material 10^6 Ohm
- » typical applications include handling of components in cleaning/chemical/assembly processes also at high temperature (soldering)

High performance plastic type SV

- » PVDF polyvinylidene fluoride carbon fibre reinforced
- » excellent mechanical strength and toughness
- » smooth surface
- » heat stabilized, high heat capability, continuous use temperature up to 150°C
- » high purity (clean room and medical devices approved, low extraction value)
- » excellent chemical resistance to most aggressive substances (mineral and organic acid) and solvents (hydrocarbons, alcohols, halogenated), resistant to halogens
- » outstanding resistance to hydrofluoric acid (40% conc., 90°C), nitric acid (50% conc., 90°C), hydrochloric acid (36% conc., 90°C)
- » high abrasion resistant
- » resistant to UV and nuclear radiation (sterilisation)
- » ESD safe material, (avoid powder attraction, sparks generation, ignition sources)
- » typical applications include handling of very scratch- and contamination-sensitive components, cleaning and etching processes

Engineering plastic type NY

- » PA66/GF50 polyamide 66 reinforced with 50 wt% glass fibre
- » high strength, fatigue, wear and creep resistance
- » heat stabilized, good heat capability
- » good chemical resistance (oils, grease, fuels, non polar solvents); not resistant to strong acids, alkalis and hot water or steam
- » insulative

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