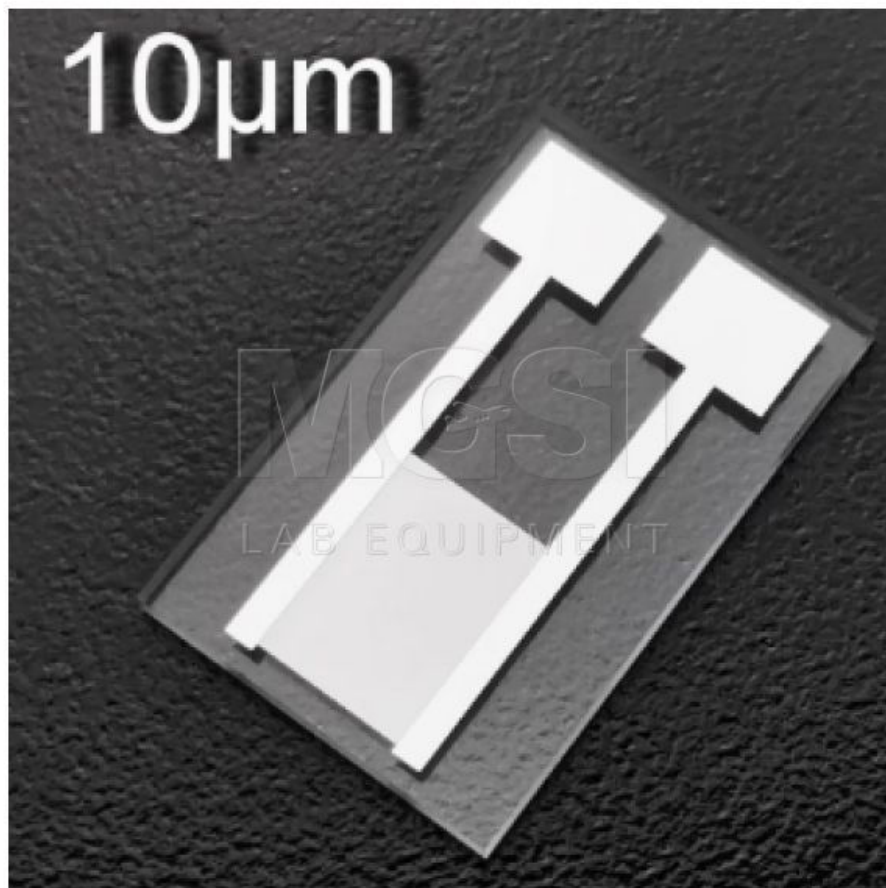


Platinum interdigital electrode Pt quartz glass 10μm

10μm Platinum Interdigital Electrode Pt Quartz Glass Gas Humidity Biosensor Platinum Fork Electrode

Product Description

Platinum interdigital electrode Pt quartz glass 10μm



Dimensions: 5 mm × 8 mm × 0.5 mm

Line width: 10 μm, line pitch: 10 μm, finger length: 2.1 mm, 75 pairs (150 fingers)

Substrate: optically polished, double-sided transparent quartz glass

Metal stack: Ti / Pt, thicknesses 30 nm / 100 nm respectively

Operating temperature range: -150°C to $+400^{\circ}\text{C}$

❑ Precision finger spacing options: Choose between $10\mu\text{m}$ and $50\mu\text{m}$ for tailored applications in chemical and physical sensing.

❑ Robust construction: Made with Shi Ying glass, polished on both sides for enhanced transparency and durability.

❑ Versatile temperature range: Operates effectively between -150°C and 400°C , suitable for a wide range of environmental conditions.

❑ Advanced metal layer structure: Features a Ti/Pt layer with thicknesses of 30nm and 100nm, ensuring reliable electrochemical performance.

❑ Ideal for healthcare and industrial applications: Perfect for use in various sensors, providing stable and accurate readings for critical measurements.

