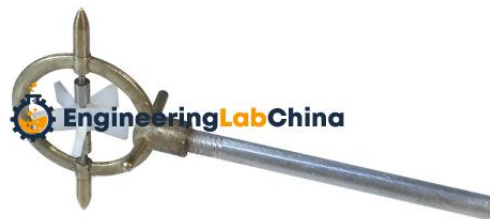


**Product Name :**  
Miniature Propeller Probes

**Product Code :**  
CHINAELABC3070004



**Description :**

Miniature Propeller Probes

**Technical Specification :**

The sensing head consists of a 5-bladed propeller that runs in jewelled bearings. The propeller is able to rotate freely within a protective shrouded cage. An insulated gold electrode terminates 0.1mm from the tip of the rotating blades and detects the change in electrical impedance as each blade passes. As there is no physical contact between the electrode and blade, the propeller can rotate freely and respond to low velocity of the surrounding fluid.

Specification of Miniature Propeller Probes  
Rotor: 11.6 mm diameter, machined plastic (balanced)  
Spindle: Hardened stainless steel with conical ends  
Bearings: Synthetic sapphire vee jewels  
Cage: Nickel plated bronze  
Stem: Stainless steel  
Electrical connector: Co-axial  
Weight: 0.20kg  
Immersion length: 420mm maximum

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# Engineering Lab China

