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Product Name :
Visualisation Of Flow Fields

Product Code :
LBNY-0005-103000198



Description :

Visualisation of flow fields by using electrolytically generated hydrogen bubbles
Platinum wire as cathode and stainless steel plate as anode for electrolysis
Different flow velocities via variable-speed circulating pump
Flow straightener and glass spheres ensure consistent and low-turbulence flow
Shallow water channel fitted with indirect LED illumination along the experimental section
Setting power (with display), pulse and pause duration of the power and the flow velocity in the water channel
Various models are included: aerofoil, rectangle, straight plate, curved plate, cylinder (various sizes), Various models for changes in cross-section.

Technical Specification :

Technical Data:

Bubble generator
Pause: 8,4...1800ms
Pulse: 8,4...1800ms
Current: 0...200mA
Pump with adjustable speed
Max. flow rate: 20L/min
3 cathodes with platinum wire
Length: 30, 50, 75mm
Diameter: 0,2mm
Water channel: approx. 6L
Anode, stainless steel plate, L-shaped

Illumination: white LEDs on the side walls of the water channel
Experimental section: LxWxH: 550x150x50mm.



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