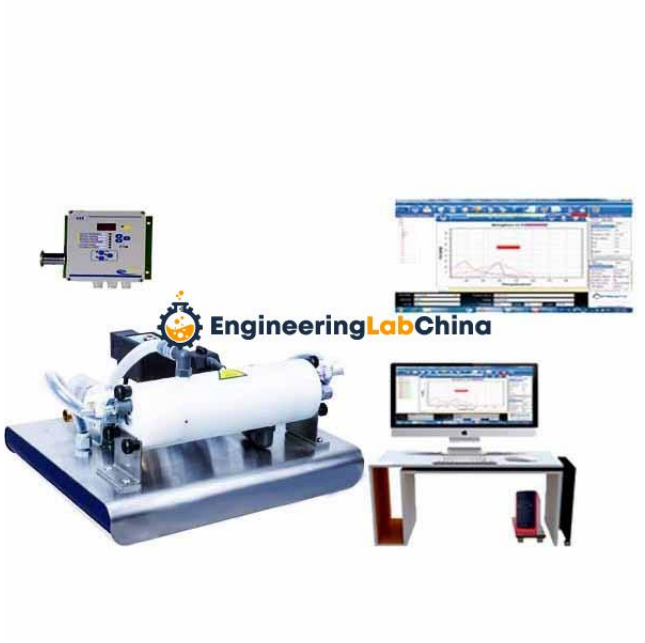
Product Name : Computerized Thermal Conductivity of Liquid	**Product Code :** CHINAELABC2620007



Description :

Computerized Thermal Conductivity of Liquid

Technical Specification :

FEATURES:
Steady heat conduction in gases and liquids:
Determine the thermal resistance of fluids
Determination of thermal conductivities k for different fluids at different temperatures

Transient heat conduction in fluids:
Interpret transient states during heating and cooling
Introduction to transient heat conduction with the block capacity model
Functions of the software: educational software, data acquisition, system operation

SPECIFICATION:
Concentric annular gap between 2 cylinders containing the fluid being studied
Inner cylinder, continuously electrically heated
Water-cooled outer cylinder
Specific heat capacity: 890J/kg*K
Heat transfer area: 0,007439m2

Heater :
Heating power: 350W
Temperature limitation: 95°C

Annular gap :
Height: 0,4mm
Average diameter: 29,6mm

Inner cylinder :
Mass: 0,11kg

Measuring ranges :
Temperature: 2x 0…325°C
Heating power: 0…450W

Required for Operation :
230V, 50Hz, 1 phase
230V, 60Hz, 1 phase; 120V, 60Hz, 1 phase

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