



GENERAL EXPLANATION

This training set is designed to investigate radial and linear heat conduction.

EXPERIMENTS

1. Linear heat conduction experiment
2. Radial heat transfer experiment

DIMENSIONS

A x B x H : 900 x 480 x 1240 mm

OPTIONAL FEATURES

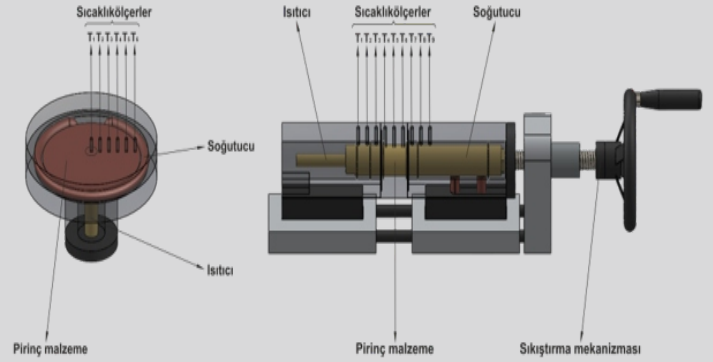
- Touch LCD Display
- USB Computer Connection
- Computer Control

PACKAGE INCLUDED

Device, device cover, 1 printed experiment report, circuit diagram and product catalog

TECHNICAL SPECIFICATION

In heterogeneous temperature differences over or on the whole, materials tend to transfer the heat energy inside it, by atomic vibrations, convection and radiation, to obtain a homogeneous distribution. The geometric structure of the part in the conduction of heat with atomic vibrations brings about differences in heat conduction. In the device, thermal conductivity and differences are measured with radial and linear parts used in experiments..



TECHNICAL DETAILS

- Linear and radial heat conduction system
- 15 temperature measuring sensors
- 100W linear heater power
- 100W radial heater power
- -20 to 200 ° C measurement range
- Water cooling system
- Digital measurement of electrical data