



GENERAL EXPLANATION

The purpose of this training set is to examine the effect of cooling rate on the hardness of steels with different chemical compositions. Furthermore, the test reveals that the parts added as alloying elements to the steels are more uniformly and more deeply cured.

DIMENSIONS

A x B x H : 820 x 670 x 1390 mm

OPTIONAL FEATURES

- Touch LCD Display
- USB Computer Connection
- Computer Control

TECHNICAL SPECIFICATION

The test sample is sufficiently heated in the heat treatment furnace; centered and positioned at each end in the same position, is placed in the center of the apparatus, which is fixed to a transparent test cabinet with three legs at an angle of 120 degrees and at its end portions. Thermocouples in contact with the parts where the temperature is to be measured are positioned to measure the temperatures during the test from the end point in the centrally located position of the test sample with a temperature of about 1000 ° C. It is ensured that the thermocouples apply constant pressure to the same point. In this case, the convection coefficient of the current conditions of the Jominy test is determined.

TECHNICAL DETAILS

- Float flowmeter
- Recirculation pump
- Thermocouple probe
- Stainless body
- Temperature set point
- Digital measurement of electrical data

PACKAGE INCLUDED

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