



innovative solutions

# HYDRAULIC HOT PRESS

## Model SSI - 509 HP250



An ISO 9001:2008 Company  
GMP compliant

Various standards for test of Plastics, Wires & Cables, and Polymer Compounds require test samples of specific shape and size for conducting test on different materials. Hydraulic Hot press is a basic apparatus in sample preparation like Dumb-bell shaped specimen for test on a Tensile Testing machine. A uniform sheet of the material is formed in the press from which different test samples of specific shapes and sizes can be easily made with minimum of effort and wastage of raw material.

### The instrument consists of the following:

- Hydraulic Hot Press of **25,000 kg (250kn.)** capacity fitted with a manually operated hydraulic oil pressure pump assembly
- Pressure gauge
- Two electrically heated platens of 8" x 8" size.**
- Separate Digital Temp. Indicating Controller with sensor for both platens**
- Cooling system in the platens
- Operates on 220V 50-60 Hz. Total load **3.5 KW.**



(Actual instrument may differ from the photograph due to regular improvements )

**Note:** There is no mixing of material in hot press. For this purpose, two rolls mill should be used. After mixing of the sample, sheet can be formed in the hot press

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