

Plastic Material Chemical Quench Tester

Description

AHP PLASTIK MAKINA

Plastic material is filled in a cylinder and heated up to the standard temperature. The material then fills in a cold temperature cavity and suffers a sudden temperature reduction. The high and low temperature levels are as per customerâ€™s request. After the quenching process, samples are put in an SS clamp in contact with chemical materials and defined climate conditions. After passing of conditioning time in chemical material, measurement of DSC-OIT (Oxidation induction time) will be done to check the effect of sudden cooling on plastic material properties like melting point and crystallinity and glass transition temperature.

- Proper for different plastic materials
- SS clamp is included
- High and low-temperature range as per customer request
- HMI touchscreen
- PLC controlled
- Cavities and sample shapes as per customer request
- Process of test is fully automatic controlled
- Easy assembly of cavities
- Plumbing for installation of different kind of coolers
- Cooler type will be selected as per customer minimum temperature