

PIN HOLE TESTER MODEL PHT-620



Features

- ❑ Designed to detect pin Holes on a Capacitor grade Plain BOPP Film.
- ❑ Easy Operating Feeders for fast loading of spools with firm gripping.
- ❑ Closed loop electronic tension control using AC Servo Motors driven by AC Servo drives for both Film & Foil Unwinding spools.
- ❑ Winding spools are driven by an AC Servo Motor, controlled by Servo Drives.
- ❑ Automatic detection and counting of Pin Holes occurring in the film by applying DC voltage variable from 500V to 1000V.
- ❑ Digital Programmable High Voltage 10KVDC Breakdown Tester with Current Limit Setting.
- ❑ Automatic Film Length Measurement System in meter square and Breakdown Counts.
- ❑ No Change of Parts for any change in BOPP Film Widths.
- ❑ User friendly operations with PLC for logic control & 7 inches HMI for Displaying, Monitoring & setting the parameters.
- ❑ Compact & Ergonomic Design minimizing space and better handling.
- ❑ Anti Static unit provided for better performance even with static films.

Technical Specification

Feeders (Unwinding & Rewinding)	Unwinder Spool - 2nos, Winder Spool - 2nos.
Film Width	100mm to 620mm
Thickness	4 to 40 micron
Voltage	Adjustable from 100v to 1000V DC
Current	UP to 10mA max Adjustable.
PP Unwinding Diameter	350mm Max.
PP winding Diameter	200mm Max.
Foil Unwinding / winding Core ID	150mm to 75mm.
Aluminium Foil ID/OD	ID : 75mm & OD : 180mm
Fault Counter	Voltage breakdown counts from 0 to 999
Length Measurement	In meters square from 0 to 999
Winder Speed	Adjustable from. 10mm to 200mm/sec
Safety Enclosure	Acrylic safety doors interlocked with Sensors to ensure Operator safety.

General Specification

Floor space : 1750mm x 1650mm x 1743mm (W x D x H)

Machine weight : 1500 Kgs (Approx.).

Power supply : 230V AC, $\pm 10\%$, 50/60Hz, 2.5 kW.



NOTE: We reserve the right to modify above specifications at any time. Please confirm your specification before ordering.