

HOT-TACK TESTER

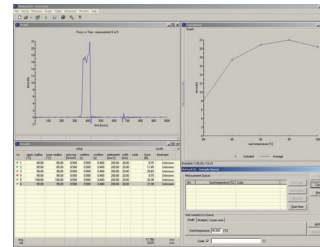
Hot-Tack Tester type HT5000

The Hot Tack Tester is a highly sophisticated instrument for testing sealing properties of packaging material according to ASTM F 1921-98.

It is being used in research and development as well as in SQC/SPC applications for raw materials, semi-finished goods and finished packaging products. The Hot Tack Tester permits evaluation of sealability and hot tack under a broad range of testing conditions to optimize packaging machine settings and to ensure consistent quality of the product. The instrument is also a practicable and helpful tool to packaging material manufacturers and end-users for incoming material inspection and for obtaining optimal production line speed.

Features / Equipment:

- Maintenance free
- Hot tack, peel only, seal only and rigid sample mode (optional)
- Pneumatic protection plates for easy cleaning
- Starting seal pressure of 0.05 N/mm²
- Minimum sample size 250 mm
- Maximum peeling distance 130 mm
- Optional Build-in tablet computer
- Optional seal bar 10 x 50mm (W x L)
- Optional higher force measurement up to 450N
- Optional sample feeder for full automatic measurements



Technical data:

	HT 5000
Sealing specification	
Sealing bars	"2 NIPTEF, 5 x 50 / 10 x 50"
Specimen width [mm]	max. 40
Specimen thickness [mm]	max. 1
Sealing time [s]	0,1 ... 20
Sealing temperature [°C]	21 - 260
Sealing pressure [N/mm ²]	0,05 ... 2,0
Peeling specification	
Cooling time [s]	0,1 999
Peeling speed [mm/s]	8 ... 600 (optional 1000)
Peeling control	Servomotor
Specimen length [mm]	min. 250
Hot tack force measurement	
Measurement range [N]	0 ... 45 (optional 450)
Sampling speed [mm/s]	max. 20
ADC resolution	12 bit
Dimension	
Width [mm]	220
Height [mm]	287
Depth [mm]	556
Weight [kg] approx.	14
Connections	
Rated Voltage [V]	90 - 264
Power frequency [Hz]	50/60
Nominal power [kW]	0.15
Phase (Nominal voltage) [ph]	1~
Compressed Air [bar]	6 - 8