KARG Industrietechnik

Hot Tack-Tester

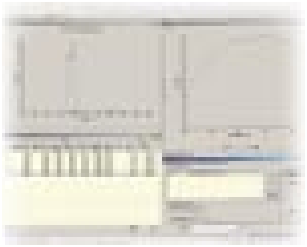
HotTack Tester

Automatic Hot-Tack measurement according ASTM F 1921

The Hot Tack Tester is a highly sophisticated instrument for testing sealing properties of packaging material according 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:

- Sealing and Hot-Tack testing in one single instrument
- Space-saving set up
- Temperature range up to +320 ° C
- Unique specimen clamping system
- Clear configurable test conditions
- Fully automated testing
- Maintenance-free
- Prepared for use with a robot or handling system
- Instrument incl. calibration kit
- User-friendly software



Technical data:

	Hot-Tack Tester
Sealing characteristics	
Sealing bar, Dimensions (mm)	5 x 50
Specimen width, max (mm)	40
Specimen thickness, max (mm)	1
Sealing time (sec.)	0,1 ... 20
Sealing temperature (°C)	21 ... 320
Sealing pressure (N/mm2)	0,1 ... 2,0
Peeling characteristics	
Cooling time (sec.)	1 ... 99
Peeling velocity (mm/s)	1 ... 600
Specimen length (mm)	250
Hot-Tack characteristics	
Measuring range: Force (N)	0 ... 100
Electrical characteristics	
Power supply (±10 %) 50/60 Hz (V)	85 ... 132 or 170 ... 264
Power (W), approx.	200
Compressed air (bar)	6 ... 8
Weight (kg), approx.	26
Dimension, WxDxH (mm)	434 x 290 x 749