



MG-300A Hot Bar – Erstklassige Prozessüberwachung (ehemals MG3)

Das neue erstklassige Hot Bar-Überwachungssystem kombiniert das Know-how von MIYACHI EAPRO im Bereich Hot Bar mit dem technischen Fachwissen von MIYACHI PECO in einem Gerät. Die MG-300A Hot Bar misst Kraft, Temperatur, Zeit und Einsinktiefe und ermöglicht so die kontinuierliche Steuerung des ganzen Prozesszyklus. Das kompakte und flexible System ermöglicht hochwertige Hot Bar-Verbindungen und hohe Durchsatzraten, und das alles in einer einfach einzustellenden Rahmenkonstruktion.

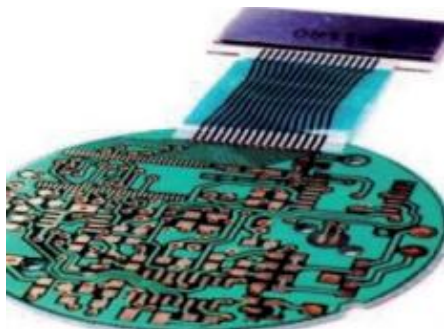
Key Features MG-300A Premium Hot Bar Monitoring System

- Premium Hot Bar Monitor designed to control Hot Bar Bonding processes reliably, efficiently and conveniently
- Dual channel capability offers simultaneous monitoring
- Configurable graphic user interface with 4 display quadrants, graphic and numeric indicators as well as intuitive online help gives maximum transparency for all relevant parameters
- Full on-screen SPC capability generates real time monitoring
- Up to 99 available schedules provides max. control with password protection
- Modern interface infrastructure with RS232 or Ethernet TCP/IP
- Bond interrupt functions enable the operator to steer the bond process
- Convenient and safe data storage and data transfer with USB port

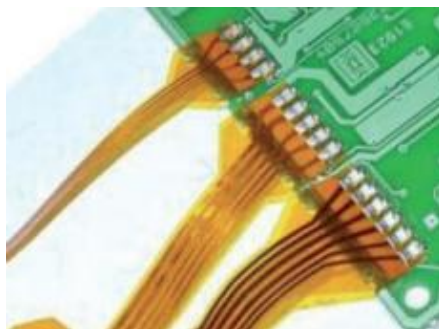
Specifications MG-300A Hot Bar – Erstklassige Prozessüberwachung (ehemals MG3)

.	Hot Bar-W2
Thermode cycle	K and J
Konfiguration	Thermode cycle K and J parallel with external BCD program selection, turn pressure knob for menu selection and parameter input, analog inputs force & pressure, optional: 2 displacement measuring sensors digital with 1 µm resolution
Messfunktionen	Temperature and time pre-warning and limit values, envelope waveform function, counter, statistic process control (detected values unreadable as limit values),
Optionen	Displacement, advanced settings, parts detection, speed, pressure and force, 2 sensors
Versorgungsspannung	90 – 260 V AC
Hauptfrequenz	50 - 60 Hz
Anschlussnennwert	60 W
Verschmelzen	Internal 2 A delayed
Verbindungskabel	3 x 0,75 mm², 2 m long
Schutzklasse	IP30
Grafikdisplay	120 x 90 mm
Grafische Auflösung	10 points/ms
Storage	USB Port
Temp and force	25 degrees Celsius up to 600 degrees Celsius, 8 to 2500 N
Monitoring programs	99
Messzeiten	0 to 60 seconds
Scan-rate	100 ms per channel
Analogue input	Temperature, Force and Displacement
Digitaler Eingang	15-p. D-SUB male connector, BCD; 5-p, D-SUB male connector
Digitaler Ausgang	15-p. D-SUB male connector, BCD; 25-p, D-SUB male connector
Digital interface	Digital I/O, RS232, Ethernet TCP/IP and USB port are standard CANOpen, Profibus or Ethernet/IP are optional features
Serielle Schnittstelle RS232	Output of measuring values in ASCII compatible printer format
Umgebungstemperatur	0 – 40 °C
Force measuring range	8 to 2500 N (depending on bond head)
Messbereich/-genauigkeit der Einsinktiefe	0 – 12,5 mm/ +/- 2 µm with sensor 1 µm
Messwertauflösung der Einsinktiefe	According to sensor type 1 to 0.1 µm digital
Gewicht ca.	5,4 kg
Dimensions (L x H x D)	240 x 135 x 320 mm
Zertifizierung	CE

Product applications MG-300A Hot Bar – Erstklassige Prozessüberwachung (ehemals MG3)



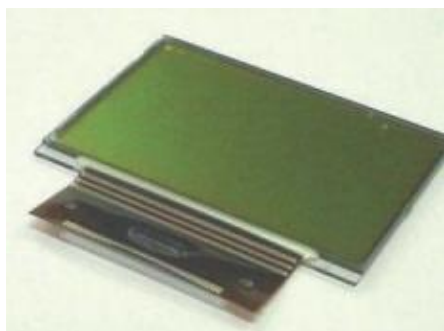
Heat-Seal Bonding



Hot Bar Reflow Soldering



Heat Staking



ACF Bonding

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