



MG-300A Hot Bar - Monitoraggio dei processi di qualità superiore (precedentemente conosciuto come MG3)

Il nuovo sistema di monitoraggio Hot Bar di alta qualità combina in un'unica unità il know-how Hot Bar di MIYACHI EAPRO con la competenza tecnica di MIYACHI PECO. La Hot Bar MG3 misura forza, temperatura, tempo e displacement e abilita il controllo costante durante l'intero ciclo del processo. Il sistema compatto e flessibile è dotato di connessioni Hot Bar di alta qualità e di un'elevata produttività, il tutto all'interno di una struttura a telaio facilmente regolabile.

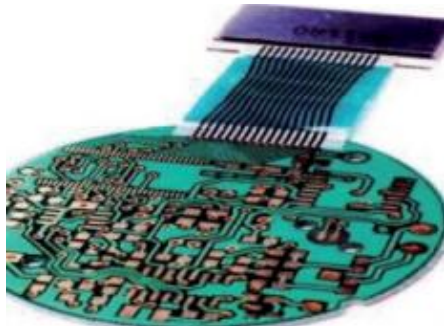
Key Features MG-300A Premium Hot Bar Monitoring System

- > 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

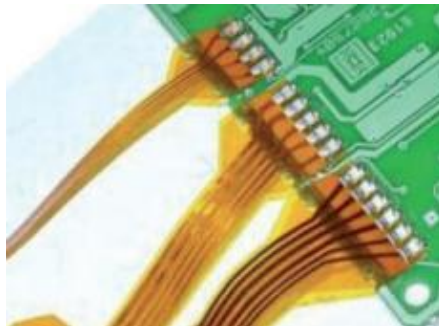
Specifications MG-300A Hot Bar - Monitoraggio dei processi di qualità superiore (precedentemente conosciuto come MG3)

.	Hot Bar-W2
Thermode cycle	K and J
Configurazione	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
Funzioni di misurazione	Temperature and time pre-warning and limit values, envelope waveform function, counter, statistic process control (detected values unreadable as limit values),
Opzioni	Displacement, advanced settings, parts detection, speed, pressure and force, 2 sensors
Tensione alimentazione	90 – 260 V AC
Frequenza principale	50 - 60 Hz
Valore nominale connesso	60 W
Fusione	Internal 2 A delayed
Cavo di collegamento	3 x 0,75 mm ² , 2 m long
Classe di protezione	IP30
Display grafico	120 x 90 mm
Scansione grafica	10 points/ms
Storage	USB Port
Temp and force	25 degrees Celsius up to 600 degrees Celsius, 8 to 2500 N
Monitoring programs	99
Tempi di misurazione	0 to 60 seconds
Scan-rate	100 ms per channel
Analogue input	Temperature, Force and Displacement
Ingresso digitale	15-p. D-SUB male connector, BCD; 5-p, D-SUB male connector
Uscita digitale	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
Interfaccia seriale RS232	Output of measuring values in ASCII compatible printer format
Temperatura ambiente	0 – 40 °C
Force measuring range	8 to 2500 N (depending on bond head)
Precisione/campo di misurazione displacement	0 – 12,5 mm/ +/- 2 µm with sensor 1 µm
Risoluzione valore misurato displacement	According to sensor type 1 to 0.1 µm digital
Massa appross.	5,4 kg
Dimensions (L x H x D)	240 x 135 x 320 mm
Certificazione	CE

Product applications MG-300A Hot Bar - Monitoraggio dei processi di qualità superiore (precedentemente conosciuto come MG3)



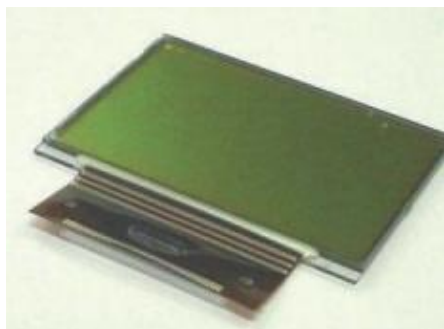
Heat-Seal Bonding



Hot Bar Reflow Soldering



Heat Staking



ACF Bonding

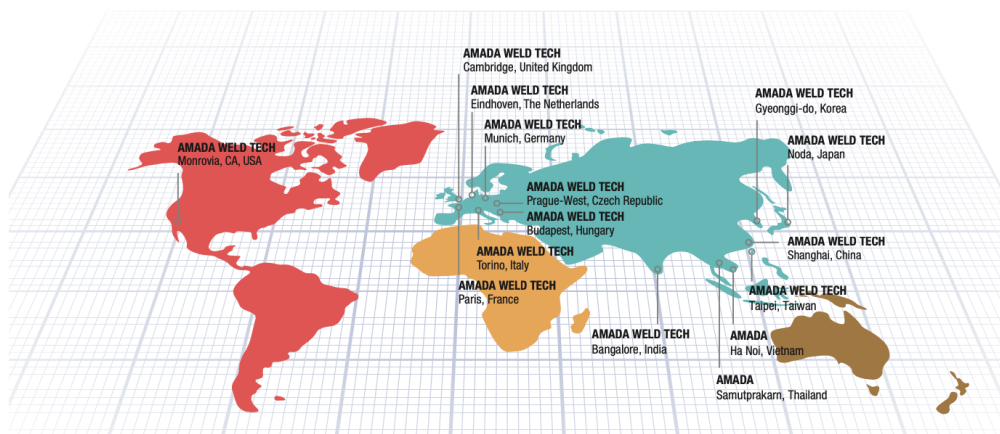
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