



Teste di bonding

AMADA WELD TECH offre una gamma completa di teste di bonding per la linea di prodotti Hot Bar.

Le teste di bonding possono essere utilizzate per la brasatura a rifusione Hot Bar, la laminazione ACF, la sigillatura bonding a caldo e la ribaditura a caldo. Le teste di saldatura offrono la massima produttività e un controllo di processo costante. I design sono modulari, compatti, rigidi e facilmente regolabili.

Key features Bonding Heads

- > Force-fired sensor for accurate force control and consistent process stability
- > Optional integrated force load cell and displacement sensor for additional control and process data traceability
- > Integrated mechanical module for planarity adjustment
- > Rigid design for maximum productivity and highest possible connection accuracy
- > Modular design for optimum system integration

Specifications Teste di bonding 1/3

.	Force Min (N)	Force Max (N)	Stroke (mm)
SH80 (pneumatic)	8	80	50
SH500 (pneumatic)	30	500	50
SH1250 (pneumatic)	250	1250	50
BH2500 (pneumatic)	20	2500	50
PH80 (stepper motor)	8	80	25
PH500 (stepper motor)	30	500	25
PH1250 (stepper motor)	250	1250	25
PH2500 (stepper motor)	250	2500	50
BONDING HEAD CONFIGURATION OPTIONS			
.	SH80	PH80	SH500
Desktop series	X	X	X
Stand-alone series	X	X	X
Emerald series	-	-	X
Customised systems	X	X	X
Pneumatic force control mode	-	-	X
Ready for MG3HB	X	1	X
Integrated displacement sensor	X	1	X
Integrated force sensor	X	1	X
THERMODE-QCB CONFIGURATIONS 7 WEIGHT*):			
Thermode	SH80	PH80	SH500
3-D thermode <50 mm length / < 4 mm width	69Q0015 (0,15 kg)	69Q0001 (0,6 kg)	69Q0001 (0,6 kg)
3-D thermode <100 mm length / < 4 mm width	69Q0002 (0,9 kg)	69Q0002 (0,9 kg)	69Q0002 (0,9 kg)
3-D thermode <150 mm length / < 4 mm width	69Q0003 (1,3 kg)	69Q0003 (1,3 kg)	69Q0003 (1,3 kg)
2-D thermode <50 mm length / < 3 mm width	69Q0016 (0,6 kg)	69Q0016 (0,6 kg)	69Q0016 (0,6 kg)
Heatstake thermode Single-tip	69Q0023 (0,6 kg)	69Q0023 (0,6 kg)	69Q0023 (0,6 kg)
*)	Custom Hot Bar sizes available upon request. Note 1; bonding head with MG3 Hot Bar, upon request - = not available x = available		

Specifications Teste di bonding 2/3

.	Throat Depth / Weight (mm) / (kg)	Outer Dimensions HxDxW (mm)	
SH80 (pneumatic)	111 / 2,5	296 (490) x 114x57	
SH500 (pneumatic)	111 / 2.7	448 x 126 x 64 (83)	
SH1250 (pneumatic)	111 / 3,6	448 x 146 x 90	
BH2500 (pneumatic)	111 / 4,4	448 x 146 x133	
PH80 (stepper motor)	111 / 2,5	296 (490) x 114 x 57	
PH500 (stepper motor)	111 / 3,0	4448 x 126 x 64 (83)	
PH1250 (stepper motor)	111 / 3.6	448 x 146 x 90	
PH2500 (stepper motor)	111 / 4,4	448 x 146 x133	
BONDING HEAD CONFIGURATION OPTIONS			
.	PH500	SH1250	PH1250
Desktop series	X	-	-
Stand-alone series	X	X	X
Emerald series	X	X	X
Customised systems	X	X	X
Pneumatic force control mode	-	X	-
Ready for MG3HB	1	1	1
Integrated displacement sensor	1	1	1
Integrated force sensor	1	1	1
THERMODE-QCB CONFIGURATIONS 7 WEIGHT*):			
Thermode	PH500	SH1250	PH1250
3-D thermode <50 mm length / < 4 mm width	69Q0001 (0,6 kg)	69Q0001 (0,6 kg)	69Q0001 (0,6 kg)
3-D thermode <100 mm length / < 4 mm width	69Q0002 (0,9 kg)	69Q0002 (0,9 kg)	69Q0002 (0,9 kg)
3-D thermode <150 mm length / < 4 mm width	69Q0003 (1,3 kg)	69Q0003 (1,3 kg)	69Q0003 (1,3 kg)
2-D thermode <50 mm length / < 3 mm width	69Q0016 (0,6 kg)	69Q0016 (0,6 kg)	69Q0016 (0,6 kg)
Heatstake thermode Single-tip	69Q0023 (0,6 kg)	69Q0023 (0,6 kg)	69Q0023 (0,6 kg)
*)			

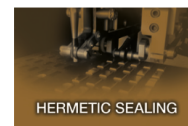
Specifications Teste di bonding 3/3

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SH80 (pneumatic)		
SH500 (pneumatic)		
SH1250 (pneumatic)		
BH2500 (pneumatic)		
PH80 (stepper motor)		
PH500 (stepper motor)		
PH1250 (stepper motor)		
PH2500 (stepper motor)		
BONDING HEAD CONFIGURATION OPTIONS		
.	BH2500	PH2500
Desktop series	-	-
Stand-alone series	X	X
Emerald series	X	X
Customised systems	X	X
Pneumatic force control mode	X	-
Ready for MG3HB	1	1
Integrated displacement sensor	1	1
Integrated force sensor	1	1
THERMODE-QCB CONFIGURATIONS 7 WEIGHT*):		
Thermode	BH2500	PH2500
3-D thermode <50 mm length / < 4 mm width	69Q0001 (0,6 kg)	69Q0001 (0,6 kg)
3-D thermode <100 mm length / < 4 mm width	69Q0002 (0,9 kg)	69Q0002 (0,9 kg)
3-D thermode <150 mm length / < 4 mm width	69Q0003 (1,3 kg)	69Q0003 (1,3 kg)
2-D thermode <50 mm length / < 3 mm width	69Q0016 (0,6 kg)	69Q0016 (0,6 kg)
Heatstake thermode Single-tip	69Q0023 (0,6 kg)	69Q0023 (0,6 kg)
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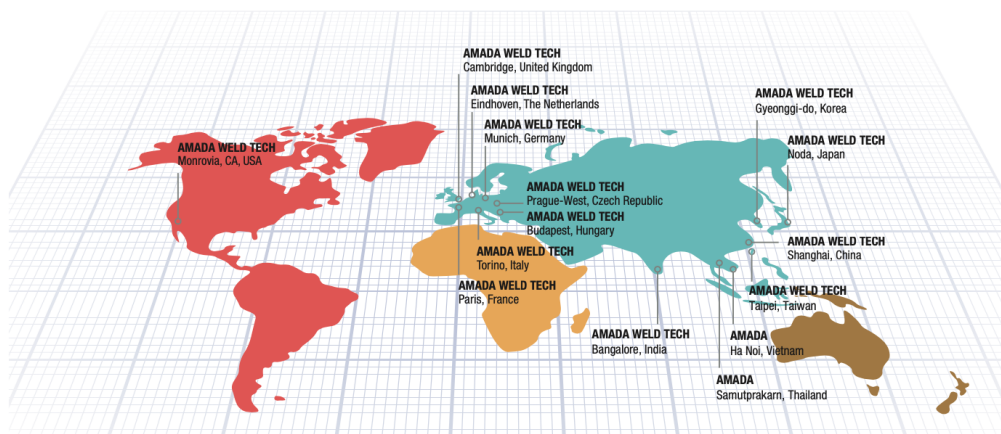
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