AMADA WELD TECH



Têtes d’assemblage

AMADA WELD TECH offre une gamme de têtes d’assemblage disponibles pour la ligne de produits Hot Bar.
Vous pouvez utiliser les têtes d’assemblage pour le brasage par refusion hot bar, le laminage ACF, l’assemblage par thermoscellage et le heat staking. Les têtes d’assemblage offre une productivité maximale et un contrôle de procédé consistant. Les conceptions sont modulaires, compactes, rigides et facilement ajustables.

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

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Specifications Têtes d’assemblage 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		

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Specifications Têtes d’assemblage 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)
***)**			

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Specifications Têtes d’assemblage 3/3

.		
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)
***)**		

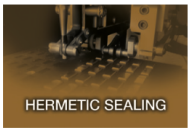
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OUR TECHNOLOGIES









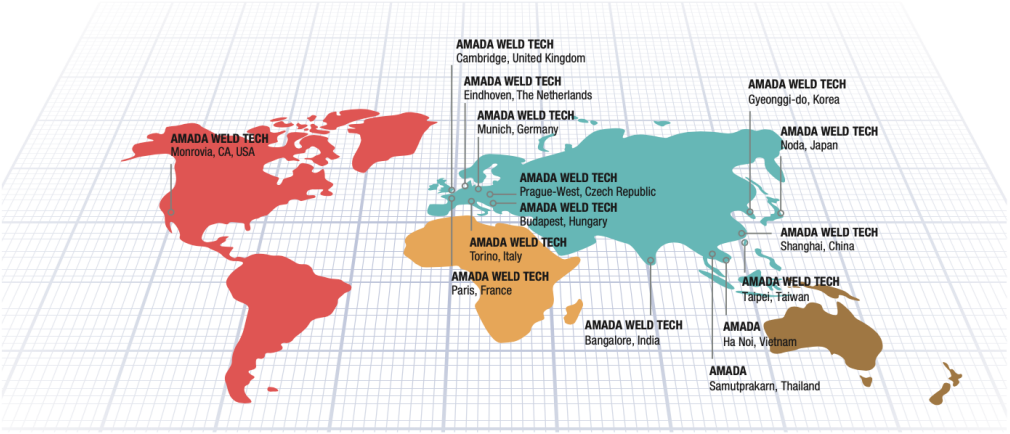








OUR SALES OFFICES



AMADA WELD TECH

AMADA WELD TECH GmbH
Lindberghstrasse 1 • DE-82178 Puchheim, Germany
T: +49 (0) 89 83 94 030 • Fax : +49 (0) 89 839403 68
infode@amadaweldtech.eu • www.amadaweldtech.eu
ISO 9001 Certified Company

Please contact our worldwide network here:

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