MARTIN®

a finetech company

EXPERT 04.6 IXH

2,300 W Rework station

The EXPERT 04.6 IXH Rework station provides the ideal support for manual rework tasks. Its compact design provides all functions necessary for the reworking process, from desoldering, placing and soldering in components as well as removing old solder. Aligning and placing components can be done reliably, and MARTIN's tried-and-tested heating technology guarantees the optimal soldering results. The Rework stations are controlled by EASYSOLDER 07 software, through which a clear and structured overview is provided of all profiles and configurations within the repair process. An infrared under-heating system is integrated into the workstation to provide the ideal conditions for the respective areas of application. And the precise and efficient hot-air top heater complements the overall heating concept. Furthermore, the Auto-Profiler included within the software automatically aligns the top- and under-heating system to your desired process parameters.

Top Features

Manual rework of BGA, QFP and sockets

Flexibility
Various PCB sizes and shapes as well as components available

Under-heating system
IR heating system, variable heating area

Multifunctionality
One device for all processes, including desoldering, pad cleaning, manual positioning and soldering

Performance
performance

Software
Simple, intuitive, tablet-compatible

Plug and Play
Compact format, innovative design and intuitive operation for professional manual rework

Standard equipment

- Two pens with magazine for soldering, residual solder removal and placing
- Set of placement nozzles for SHP arm (3 pcs)
- Two solder nozzles 4 and 7 mm, BGA soldering tool 27x27 mm^2
- Two thermocouple sensors (Type K)
- Two PCB magnet holder 40.5 mm (standard)
- PCB magnet holder rail 40.5 mm
- Rework ABC and manual
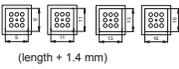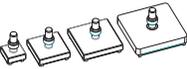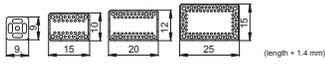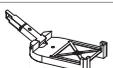- Intuitive software EASYSOLDER 07 with touch integration
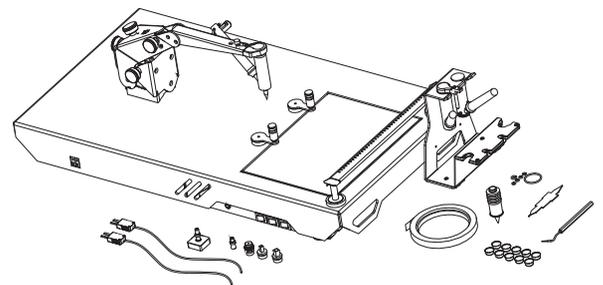
Technical details

Power consumption:	2500 VA	
Power solder pen:	300 W, 35 l/min	
Power under-heating system:	500-2000 W	4 x IR-lamps
Max. PCB size:	185 x 245 mm^2	

Mains:	1Phase, 230VAC, fused 16A	
Pressurized air:	5-8 bar, 100 l/min,	clean, dry air
Dimensions:	1030 x 630 mm^2	
Size under-heating system:	200 x 260 mm^2	

EXPERT 04.6 IXH: Optional extras

	Article nr.	Name
	HA00.4022	Dis module for EXPERT 04.6 IXH Integration, pen, stand, foot switch
	HASX.0008	Report für ES-05 eco Lizenz RP
	HA00.4025	Nitrogen Input for Hot Air 04/05/06 reduces consumption of N2 for vacuum
	LW40.1096	Solder Nozzle Set CSP/QFN for all CSP-types, 4 pieces (9,11, 13, 16)
	LW40.1103	Solder Nozzle Set BGA 4 4 pieces (15, 27, 35, 40)
	LW01.0400	Soldering Tool Set SO (lead free) for all SO ...SOL ...TSOP, 4 pieces
	SF44.0501	APP Tool Pedestal for SHP positioning arm
	SF44.0502	APP Tool Printer for SHP positioning arm
	SF44.0504	APP Tool µSMD Pocket for SHP positioning arm
	SF44.0503	APP Tool Basic Dipp for SHP positioning arm
	LWxx.xxx5	Placement Tool Star Tool CSP/QFN for all types of CSP/QFN, your choice
	LWxx.xxx6	Placement Tool Star Tool BGA for all types of BGA, your choice
	DB15.0010	SMD Placement Nozzle 0,5 mm for 0402 etc.
	LW10.0002	CSP Centering Device for Star-Tools (rotates)
	SF01.0100	PCB Clip for large pbcs onto IRF handrest
	SF03.0019	PCB Clamping Holder 40.5 with 3 Fingers für Handy-LPs auf HB-05/IRx/HIF
	SF30.0004	PCB Support 40.5 mm for IRF02/06/07, pcb=1.5mm
	SF30.0005	PCB Support 40.5 mm for IRF02/06/07, pcb=3mm
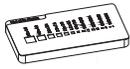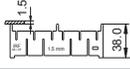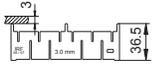
More accessories and consumables at www.martin-smt.de