



EXPERT 05.6 IXH

Manual rework

The Rework station with 2,000 W heating power in IR technology allows uniform heating over an area of 185 x 245mm² and prevents mechanical stress due to temperature differences during the process. The high-resolution camera delivers fast, accurate and reproducible placement results. Even the smallest components from a size of 1x1 mm² can be repaired and placed. User-friendly

handling is provided by the touch-enabled EASYSOLDER 07 software. Reflow profiles with individual temperature parameters can be created, edited and saved and enable high process reliability and repeatable soldering. The Expert 05.6 IXH is a precise, cost-effective solution for the complete rework process on one unit.

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, camera-supported positioning and soldering



Precision

Precise camera-supported placement



Software

Simple, intuitive, tablet-compatible



Plug and Play

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

Standard equipment

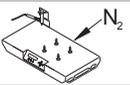
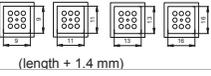
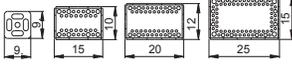
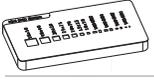
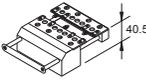
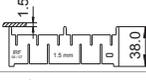
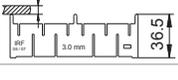
- Two pens with magazine for soldering, residual solder removal and placing
- Solder nozzle 7 mm, BGA soldering tool 27 x 27 mm²
- Thermocouple sensor (Type K)
- Two PCB magnet holder 40.5mm (standard)
- PCB magnet holder rail 40.5mm
- Manual
- Intuitive software EASYSOLDER 07 with touch integration

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
Size under-heating system:	185 x 245 mm ²
Max. PCB size:	200 x 260 mm ²

High resolution CMOS-camera:	1600 x 1200 Pixel, USB2
Mains:	1Phase, 230VAC, fused 16A
Pressurized air:	5-8 bar, 100 l/min, clean, dry air
Airflow:	2-35 l/min
Dimensions:	660 x 360 x 390 mm ²
Weight:	22 kg

EXPERT 05.6 IXH: Optional extras

	Article nr.	Name
	HA00.4025	Nitrogen input for Hot Air 04/05/06 reduces consumption of N2 for vacuum
 (length + 1.4 mm)	LW40.1096	Soldering nozzle set CSP/QFN 4 for all CSP types, 4 pieces (9, 11, 13, 16)
	LW40.1103	Solder nozzle set BGA 4 4 pieces (15, 27, 35, 40)
 (length + 1.4 mm)	LW01.0400	Soldering tool set S0 (lead free) for all S0 SOL TSOP, 4 pieces
	SF42.0301	Tape feeder 8mm
	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
	LW10.0007	Squeegee for dip tool 45mm
 0.50	DB15.0010	SMD placement nozzle, 0,5mm for 0402 etc
	LW10.0002	CSP centering device for Star Tools (rotates)
	SF01.0100	PCB clip for use with IRF/HIF handrest or magnet holder rail
 40.5	SF03.0019	PCB clamping holder with 3 fingers for mobile phone pcbs, h=40.5mm
 1.5 38.0	SF30.0004	PCB support, pcb=1.5mm h=40.5mm
 3 36.5	SF30.0005	PCB support, pcb=3mm h=40.5mm
	SF36.1003	PCB fix support h=40.5mm, l=360mm

More accessories and consumables at www.martin-smt.de