



STANNOL

NEW SOLDERING STATIONS 2015



INDUSTA SERIES

INDUSTA HF-5100 / HF-5150

Soldering Stations for professional use. These stations offer additional functions required in a professional environment, e.g. an electronics manufacturing. These include automatic standby / shutdown functions, password protection, which protects against unauthorized changes to settings and the ability to calibrate tools. A potential equalization to protect sensitive components is also available. The power of 100W and 150W offer sufficient power reserves for rapid and reliable work with lead-free solders. The high-frequency control with the temperature sensor near the tip allows for an extremely fast up- or reheating.

SOLDERING STATION FOR PROFESSIONAL USE

- Microprocessor-controlled
- High frequency induction heating
- Stand-by and shutdown functions
- Coated aluminum housing
- Easy to change soldering tips

TECHNICAL DATA	
POWER SUPPLY	230 V - 50/60 HZ
POWER CONSUMPTION	HF-5100 100 W HF-5150 150 W
OUTPUT	36V / 380 khz
PROTECTION CLASS	1
TEMPERATURE RANGE	50°C - 480°C depending on used tool
HEATING TIME 23°C-380°C	HF-5100 18 sec. HF-5150 12 sec.
HEATING ELEMENT	Ceramic
EQUIPOTENTIAL BONDING	3.5 mm jack socket
DIMENSION (WXHXD)	HF-5100 110 x 110 x 165 (Station) HF-5150 110 x 110 x 175 (Station)
WEIGHT	HF-5100 2,5 kg (2,8 kg incl. accessories) HF-5150 2,6 kg (2,9 kg incl. accessories)

SOLDERING STATION HF-5100	ART.-NO. 760100
SOLDERING STATION HF-5150	ART.-NO. 760150



THE TECHNOLOGY

HIGH QUALITY RING CORE TRANSFORMER

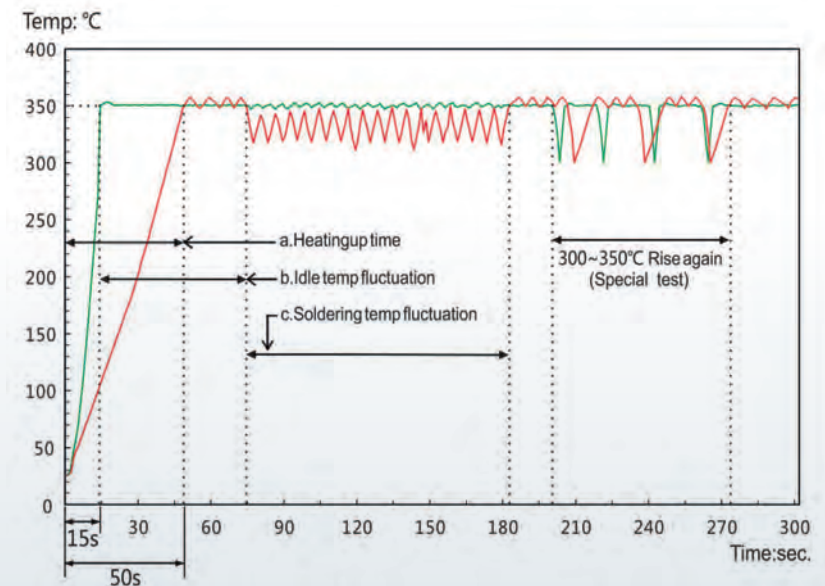
They particularly stand out for their high performance in compact sizes, extremely low magnetic leakage, maximum efficiency and excellent temperature characteristics.



- lower weight than EL transformers
- high-quality silicon steel core
- winding consist of high-quality and thermostable full-copper enamel wire
- much more reliable and safer than switching power supply
- loss is 25% less than on EL transformers with the electrical efficiency higher than 95%
- no-load current is 10% of the EL transformers
- almost free of electromagnetic radiation and vibration noise
- only low temperature increase during full load operation, durable for long term full load operation

TEMPERATURE GRAPH

Through integration of high-quality components a precise temperature control is achieved, which allows a fast and safe manual soldering process.



— STANNOL Industa HF 5100 (100W)
— Resistive heating (60W)

Test criteria:

Room temperature: 25°C / Solder Tip M-2,4-HF / Interval 3 seconds

ACCESSORIES

SOLDERING TIPS INDUSTA HF5100 / HF5150

FORM BEVELED					FORM PENCIL				FORM CHISEL					FORM KNIFE	
A-0,8-HF	A-1-HF	A-2-HF	A-3-HF	A-4-HF	B-0,2-L-HF	B-0,2-HF	B-0,5-HF	B-1-HF	M-1,2-HF	M-1,6-HF	M-2,4-HF	M-3,2-HF	M-4,2-HF	K-3-HF	K-4,7-HF
0,8 mm	1 mm	2 mm	3 mm	4 mm	0,2 mm	0,2 mm	0,5 mm	1 mm	1,2 mm	1,6 mm	2,4 mm	3,2 mm	4,2 mm	3 mm	4,7 mm

SOLDERING TIPS INDUSTA 550

FORM BEVELED			FORM PENCIL			FORM CHISEL			FORM KNIFE
A-2	A-3	A-4	B-0,2	B-0,5	B-2	M-1,6	M-2,4	M-3,2	K-5
2 mm	3 mm	4 mm	0,2mm	0,5 mm	2 mm	1,6 mm	2,4 mm	3,2 mm	5 mm

