

FINEPLACER® core^{plus}

Hot Air SMD Rework Station

The All-Round Solution



Accuracy

Placement:	10 µm
	(depending on configuration)

Optics

Field of view min.:	7 mm x 5.5 mm
Field of view max.:	70 mm x 52.5 mm
Optical resolution:	12 µm (min.)
	(depending on configuration)
Zoom factor:	10 x

► Various optics available

Heating Temperature

Component:	90°C - 380°C
Board / PCB:	90°C - 360°C

► Various modules available

Component / Board Size

Component size min.:	0.1 mm x 0.1 mm
Component size max.:	80 mm x 80 mm
Component height:	40 mm
Board size max.:	400 mm x 310 mm
Board thickness:	up to 6 mm

► Other dimensions on request

Touchdown Force

Standard:	0.5 N - 4 N
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Thermocouples

Standard:	4, external - K type
Optional:	-

Dimensions

Width:	1200 mm [ca. 48 in.]
Depth:	800 mm [ca. 32 in.]
Height:	410 mm [ca. 16 in.]

Weight

Netto weight, base system:	ca. 30 kg [ca. 66 lbs]
Control Box (Module):	ca. 10 kg [ca. 22 lbs]

Operating Environment

Operating temperature:	+15 ... +35 °C
Relative air humidity:	50 % @ +20 °C
	(not condensing)

Noise Level

Sound pressure level:	$L_{PA} < 70 \text{ dB}_{(A)}$
	(in compl. with 2006/42/EC)
Measuring uncertainty (L_{PA}):	$2 \text{ dB}_{(A)}$

Electrical Power

Power consumption typ.:	1000 W
Power consumption max.:	3100 W
Mains Standard:	1 phase 208-240 V
	@ 50-60 Hz (16 A)
	< 220 VAC with
	step-up transformer
Voltage:	AC 230 ... 240
Frequency:	50 Hz - 60 Hz $\pm 1\%$
Current:	16 A

Gas

Operating gas:	compressed dry air
Pressure range:	6 bar-7 bar
	[87.02 psi-101.53 psi]
Gas connector:	open hose
	$\text{I}\varnothing=6 \text{ mm}$, $\text{O}\varnothing=12 \text{ mm}$
Air quality:	ISO 8573-1, class 4
Flow (standby):	50 l/min
Flow (standard operation):	250 l/min
Flow (max., incl. modules):	390 l/min
Process gas support (optional):	Nitrogen (N_2)

Technical Drawing / Footprint

