

FINEPLACER® core^{plus}

Hot Air SMD Rework Station

The All-Round Solution



Accuracy

Placement: 25 µm

Optics

Field of view min.: 12 mm x 10 mm

Field of view max.: 67 mm x 57 mm

Optical resolution max.: 20 µm/px

Zoom factor: 6x

► 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.: 0.25 mm x 0.25 mm

Component size max.: 60 mm x 60 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

Thermocouples

Standard: 4, external - K type

Optional: -

Dimensions

Width: 1200 mm [ca. 47 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 dB _(A)

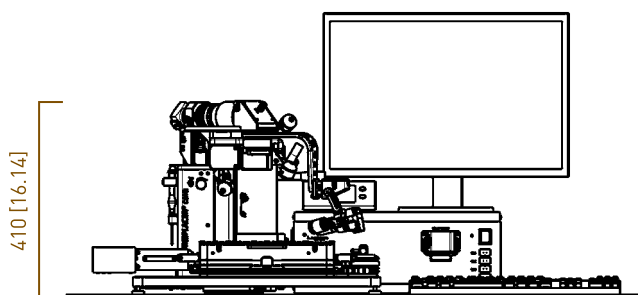
Electrical Power

Voltage:	AC 230 ... 240
Frequency:	50 Hz - 60 Hz $\pm 1\%$
Current:	16 A
Connector:	Type F (CEE 7/4)
Power consumption max.:	2600 W (with modules)

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



**recommended tabletop
required installation area**
dimensions in mm [in.]

