mini PFE 100 / 200

Precision physical clean cell



Equipment capable of continuous automatic processing of the top and bottom surfaces of stripshaped workpieces

Small cell using wide gun is used for electric industry such as printed-circuit boards or semiconductors. By processing to both sides uniformly, it can apply for rod shape and sheet shape. Applicable for ceramic and Cu plate.

Feature

- Functions are integrated, but its wet-blasting processing quality remains as is. Newly developed cell as a small sized and cost-saving purpose.
- Compact blasting and water rinsing parts make the maintenance for actuators easy; simply opening a conveyor cover. Also the wide gun and the pump as principal parts, still hold the original high durability.
- Lineup of 2 types (mini PFE 100/200) according to the size of workpiece.

Spec

mini PFE 100

Size 1200(W)×1250(D)×1600(H)mm

Width: 20-100mm

Work size Length: 100-250mm

Thickness: 0.1-1.5mm

Conveyor transportation speed 0.1 3.0 m/min

Gun Wide Gun 110mm One each for top and bottom

Power supply AC200V, 50/60Hz, 3 phases

Power consumption About 2.6kW (Total rated apparent power of all the equipment)

Air supply pressure 0.5MPa-0.7MPa

Air consumption 4.1m³/min (NTP at 0.25 MPa of preset blast air pressure)

mini PFE 200

Size 1200(W)×1650(D)×1650(H)mm

Width: 20-200mm

Work size Length: 100-250mm

Thickness: 0.1-1.5mm

Conveyor transportation speed 0.1 [3.0 m/min

Gun Wide Gun 220mm One each for top and bottom

Power supply AC200V, 50/60Hz, 3 phases

Power consumption About 4.3kW (Total rated apparent power of all the equipment)

Air supply pressure 0.5MPa-0.7MPa

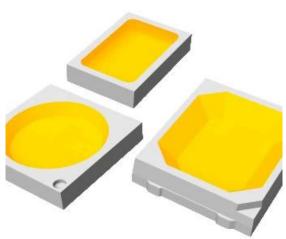
Air consumption 7.7m³/min (NTP at 0.25 MPa of preset blast air pressure)

Related pages

Related applications



Pretreatment for plating to remove burrs without damaging the semiconductors (deflashing)



Overmolded resin removal method that drastically reduces damage to buried LED chips



Processing method to remove thin burrs (flash-burrs) without damaging