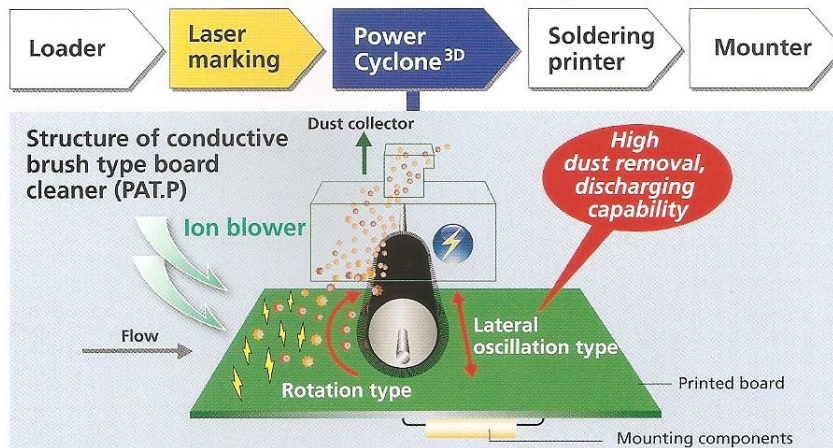


Printed Board Cleaner

Power Cyclone^{3D}

Unique technology ensures high performance in the removal of contamination. Power Cyclone 3D with lateral oscillation and conductive brush provide strong support for customers seeking high quality.



- Upper brush type(standard), double side brush type(optional)
- Static electricity removal(50 V or less; no ionizer, based on NIX test)*
- Most suitable for dust removal of laser masking
- Removing contaminants of 5μm(based on NIX test)*
- Maintenance free(requiring periodical cleaning)
- Low running cost

*NIX measurement results only, not NIX guaranteed value.

Easy brush replacement (PAT.P)

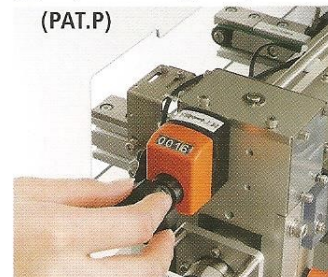


① Releasing lock-lever

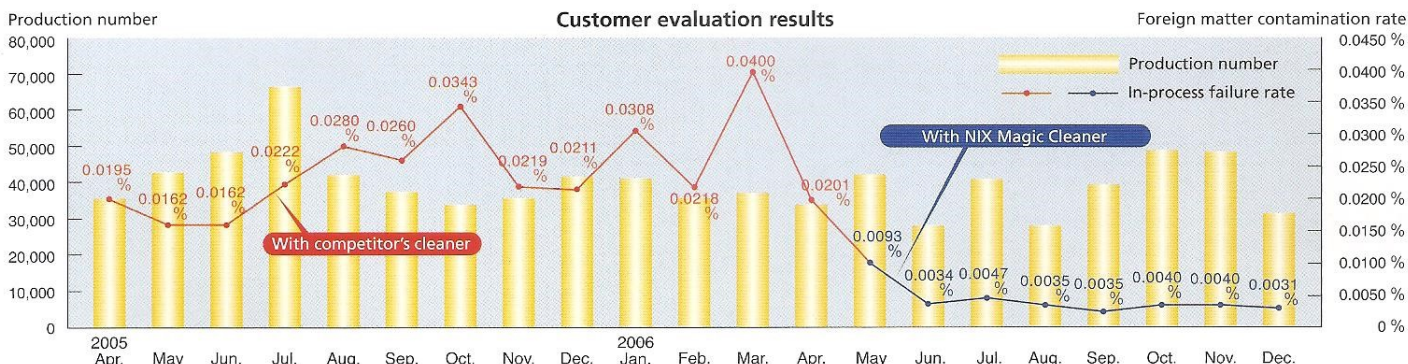
② Pulling out brush unit

③ Removing brush

Easy brush height adjustment (PAT.P)



Example: Set to 0016 in case of printed board thickness t1.6 mm



Basic specification

Item Name	Power Cyclone 3D
Model	M3DM-IN
Cleaning Specification	Upper surface cleaning of printed board with conductive brush
Outer Dimensions	815(L) x 350(W) x 1387(H) mm : conveyor length 370mm
Weight	Approx. 90 kg
Transportation Height	900 ± 20mm
Mounted Components Height	No component on printed board surface, back surface, MAX 25mm
Power Supply/Electric Capacity	AC100V 50Hz/60Hz, 200VA
Paint Color	NIX standard color [Munsell 7.2Y9.4/0.8(gross):white-cream]

*Other, 460 mm width printed board, double face cleaning, deflection prevention feature, and custom option is available

System specification

Direction of Flow	Right → left/Left → right
Criterion	Front reference/ back reference
Printed Board Size	M size (50 x 50 to 250 x 330 mm)
Interface	Molex 4-pin connector (1490R - P1)
Conductive Brush Height Adjustment	Manual up/down traverse type
Operation Panel	Power supply SW, touch panel, pressure sensor, buzzer, EMG stop
Breaker	Install inside main body