

KH2200

Ion etching System



香港工商業獎
2011
HONG KONG
AWARDS FOR
INDUSTRIES

機器及機械工具設計大獎
MACHINERY AND
MACHINE TOOLS DESIGN
GRAND AWARD

New Test Head



Features

- Crystal frequencies are adjusted by ion beam etching.
- Up to 32 ⁽¹⁾ pieces of crystal are etched simultaneously for high efficiency and throughput. (depends on pallet size)
- Anode Layer Magnetron Ion Source, no filament, easy maintenance
- QC limits can be set on each etching cycles for pass/fail indications.

Specifications

- Frequency range : KH1800 1-120MHz or KH1820 1-240MHz
- Measurement : Kolinker KH1800 or KH1820 PI-Network system
- Etching performance : +/-1ppm typical at Fr
- Ion source : Anode Layer Magnetron Ion Source
- Pumping system : Mechanical pump with Turbo pump, (optional Cryo pump)
- No. of pallet : 2 pallets
- Pallet size ⁽²⁾ : support 180 (15x12), 240 (15x16), 320 (20x16), 384 positions pallet
- Crystal size ⁽²⁾ : 7050, 6035, 5025, 4025, 3225, 2025, 2016.....
- Power requirement : 380V 3-phase, 50Hz Approx. 3 KVA*
- Cooling water required : 2 Kg/cm² below 21°C Approx. 3 litre/min.



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- Software OS : WinXP, Win7-32 bit
- Compressed air required : 5 Kg/cm²
- Argon gas : 5 - 30 sccm
- Dimensions : approx 1500 (W) x 1200 (L)x 1200 (H) mm (not include light pole)

(1) depends on pallet type, no. of units may be difference

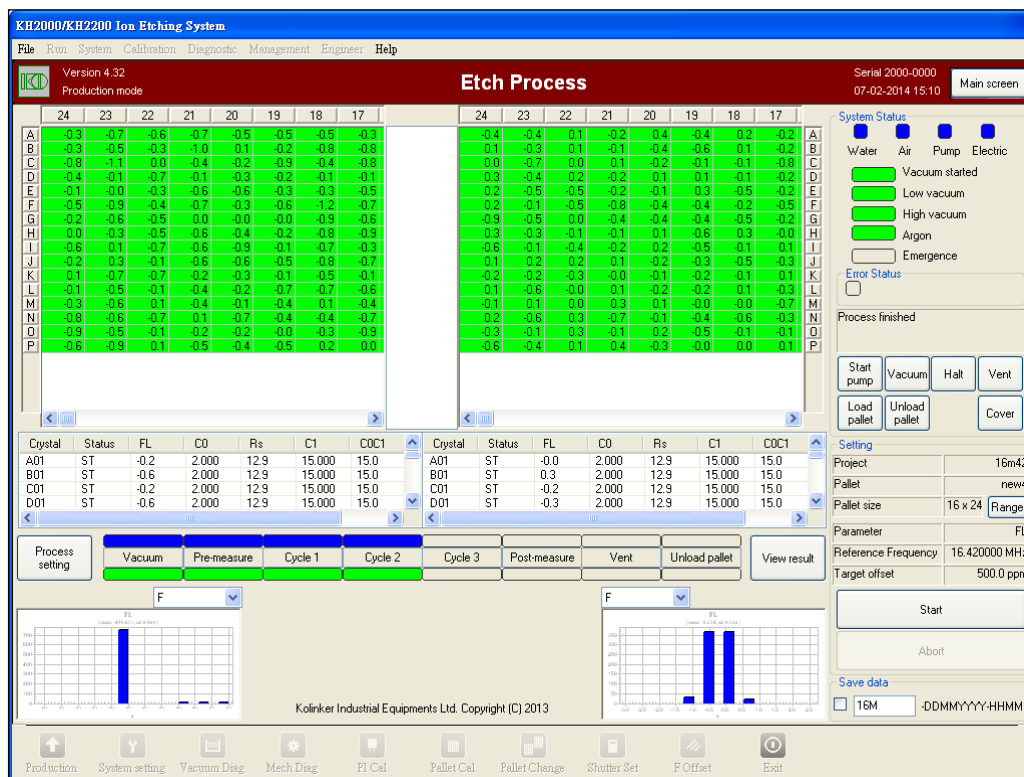
(2) other package, please contact Kolinker

Standard System Configuration

- Main unit 1 set
- KH1800 2 sets
- Turbo Pump 1 set
- Mechanical Pump 1 set

Options

- Dry pump (Oil free)
- Cryo pump
- Hi-drive options
- Clock osc up-grade option



Specifications are subject to change without prior notice.
Photo shown is for reference only.



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