

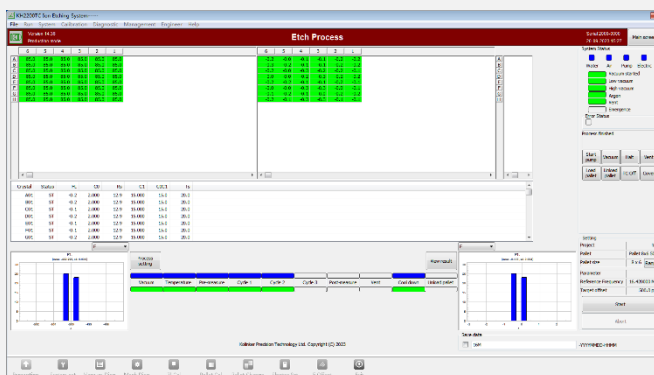
NEW PRODUCT

KH2200TC

Ion Etching System (Independent Temperature Control)



Pallet is under temp. control
(IR Thermal Image)



Introduction

- Crystals frequency are adjusted by Ion Beam Etching.
- 48 Position pallet in which 8 pieces of crystals are etched simultaneously⁽¹⁾, temperature range set between room temp. to 120 °C +/-0.2 °C.
- All crystals are under temperature control independently, to achieve good temperature uniformity and accuracy.
- QC limits can be set on each etching cycles for PASS/ FAIL indications. Result will be shown on the screen without interrupt the continuous production batch.



Kolinker Precision Technology Limited
Member of Kolinker Group



+852 - 3511 2388

kolinker@kolinker.com



Unit M, 24/F., Shield Industrial Centre, 84 - 92 Chai Wan Kok Street, Tsuen Wan, N.T., Hong Kong



+852 - 3511 2300

<https://www.kolinker.com>

Specifications

• Measurement System	KH1800 /KH1820 PI-Network System
• Freq. Range	KH1800 (1-120MHz) or KH1820 (1-240MHz)
• Etching Performance	+/-1ppm typical at Fr
• Ion Source	Anode Layer Magnetron Ion source
• Pumping System	Mech. Pump with Turbo Pump
• No. of Pallet	1 Piece
• Pallet Size ⁽²⁾	48 Position (8x6) Pallet
• SMD Crystal Size ⁽²⁾	Support 6035,5032,3225, ...
• Power Requirement	AC380V 3 Phase, 50Hz, Approx. 4KVA
• Cooling Water Required ⁽³⁾	2Kgf/cm ² , 3L/min. Temp.19°C to 21°C
• Software OS	Win7-32 bit
• Compressed Air Required	5Kgf/cm ²
• Argon Gas	5-30 sccm
• Dimensions	Approx. 1550(W)x 1250(L)x 1250(H) mm (Not including light pole)

Standard System Configuration & Options

System Configuration

• Main Unit	1 Set
• Turbo Pump	1 Set
• Mechanical Pump	1 Set
• KH1800 PI-Network System	1 Set

Options

- Dry Pump (Oil free)
- Cryo Pump
- Chiller for water cooling

(1) Depends on pallet type, no. of unit may be varied.

(2) Other packages pls contact Kolinker.

(3) Suggest use distilled water or de-ionized water.

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



Kolinker Precision Technology Limited
Member of Kolinker Group



+852 - 3511 2388
kolinker@kolinker.com



+852 - 3511 2300
<https://www.kolinker.com>



Unit M, 24/F., Shield Industrial Centre, 84 - 92 Chai Wan Kok Street, Tsuen Wan, N.T., Hong Kong