

Ultratech Stepper AP300 i-Line Stepper

Configuration. Audit to verify.

1 Standard Features Target: 04/05/11

2.0 um, Extended Field, ghi-line Broadband Lens · Dual 1200 W Lamp Illuminator

Universal Size/Warped Wafer Kit: 200, and 300mm.

FOSB Cassette to Cassette Wafer Handling

Wafer Thickness Handling from 0.4 mm to 2.0 mm

PATMAX MVS Alignment System

MVS Alignment Spectrum of 530 - 570 nm

Lens Distortion Reference - No lens matching

6 Slot Reticle Stack, Manual Front Loading GEM HSMS Communications

Power Source: 208 V three phase, 5 wire, 150 amp

Environmental Chamber

2 AP300 Test Reticle 6x6

3 FOUP Wafer Handler

4 Enhanced Bottom Pellicle Protection

5 ghi-line Auto Filter Changer

6 Edge Exclusion System with one Exclusion Ring Specify ring size (15mm)

7 Closed Loop Cooling

8 Prism Purge Kit (requires CLC)

Additional Information:

- **Dual side alignment upgrade in 2006.**
- **The lens can no longer be considered a 2um lens even though it was purchased as a**

2um system.

- **Age has taken its toll on STEP400 and lens distortion has suffered.**
- **It can be considered a 4um lens now.**
- **The Dual Flip Aperture size - largest is 44mm.**

Tool is NOT a widefield system. Standard field, 44X26.7mm.