

REFURBISHED STEPPER

## Cost Effective Micron Level Workhorse

The UltraStep 1000 Wide Field 1:1 Projection Stepper System exposes reticle images in a step-and-repeat manner onto 3", 4", 5", and 6" wafers with fine line resolution ( 1.25um standard, 1.0um optional) and tight overlay accuracy.

The low cost and compact design of the UltraStep 1000 make it an ideal choice for chipmakers upgrading from older equipment to the more advanced UltraStep 1000.

The UltraStep 1000 can be integrated in a mix-and-match scenario with other, higher resolution steppers, maximizing throughput while minimizing production costs.

The Intelligent Autoloader included with this system allows the user to program custom belt speeds and sensor tolerances. This versatility results in successful wafer loads regardless of substrate size or thickness.

The system is equipped with the HP 362 computer system. The internal 500MB hard disk can store up to 20,000 recipe files.

### SPECIFICATIONS:

Wafer Size:	3", 4", 5", 6"
Loader Type:	Intelligent / Manual
Computer:	HP 362 with Hard Disk
Uniformity:	3.0 %
Depth of Focus:	5.0 ums @ 1.25um lines
Maximum Square:	14.1 x 14.1 mm
Maximum Aspect:	30 x 9.5 mm
Maximum Area:	27.5 x 10.6 mm
Reticle Size:	3" x 5" x 0.090"

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# Ultratech Model 1000

Serial number 268  
Manufactured August, 1984  
Minimum resolution: 1.25 micron



Electronics drawer



Intelligent Autoloader

