

812 Series

TAPER AND DETAPER



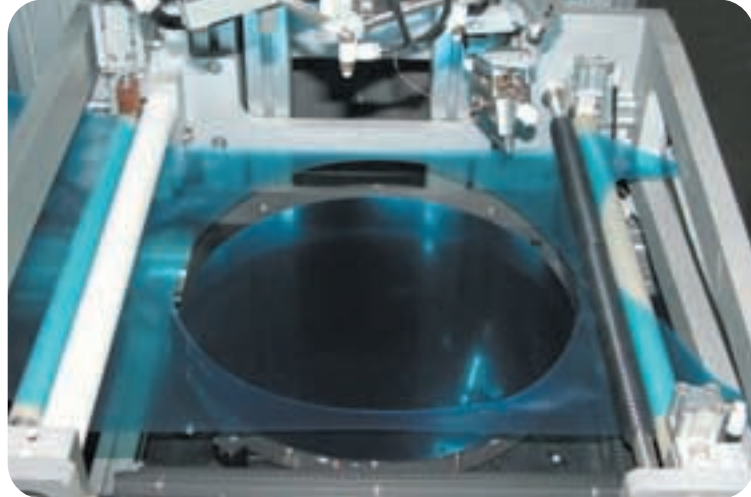
**microcontrol
electronic**

Milan - ITALY
www.microcontrol.org

812 Series

TAPER AND DETAPER

Taping Station



Microcontrol Electronic history
 Established in 1976, Microcontrol Electronic introduced the **first worldwide automatic Taper and Detaper** on the market in 1984.
 Since then hundreds of equipment has been sold all over the world to the most important Companies such as Atmel, Ibm, Infineon, Intel, Micron, Motorola, Philips, Stm and TI.
 Microcontrol Electronic Taper and Detaper can be customized according to customers' process specification: applications with special tapes like photosensitive Dupont Riston® and thermal sensible Rexpan® have been already successfully experienced.

UV Station



Lowest cost of ownership through "total gap control"

software fully adjustable gap between wafers
 =
 lowest tape consumption

Ultra thin wafer detaping with our special chuck

Fully adjustable software and mechanical detaping process

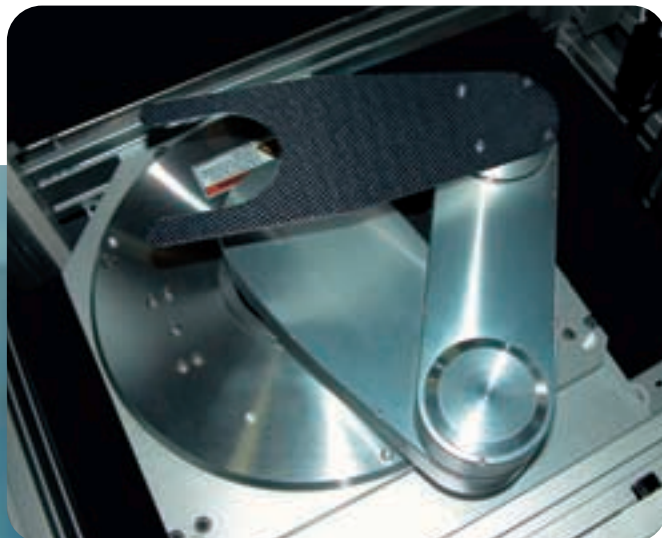
Ultra thin wafers processing: our special zero force lamination technology eliminates extra bow due to tape tension on wafers

Our unique taping roller allows to perfectly process very high bumped wafers

HIGHEST THROUGHPUT

TAPER 80 wafers/hour
DETAPER 90 wafers/hour

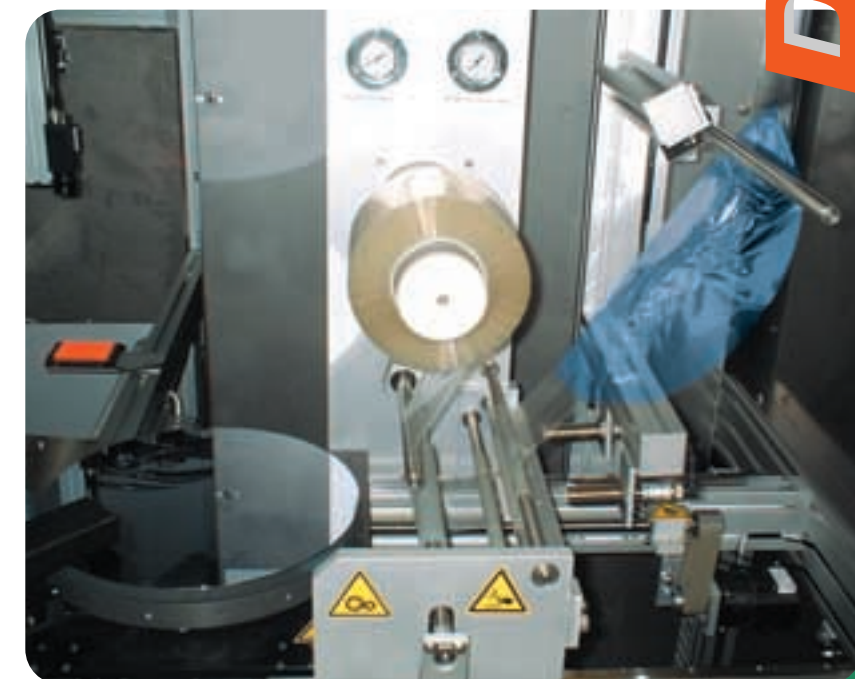
Adept Robot with Carbon Fiber Handler



Asyst 300 mm Load Ports



Detaping Station



TAPER

DETAPER

812 Series

TAPER

SYSTEM SPECIFICATIONS

WAFER SIZE	8"-12"
THROUGHPUT	80 wfrs/hr
CENTERING / ALIGNMENT	CONTACTLESS VISION SYSTEM
TAPE COMPATIBILITY	ALL KIND OF TAPES
MINIMUM TAPE WIDTH	8" 215mm 12" 315mm
N° of 8" WAFERS WITH 100m ROLL	8" 470 wfrs - 12" 320 wfrs
FOOT PRINT	1,9m²
CE marking	Full compliance
SEMI Standard	Full compliance
SECS-GEM full compliance	Option
WAFER ID / CASSETTE ID	Option OCR - DOT matrix - BCR
SMIF SYSTEM	Option
M.T.B.F.	550 hrs
M.T.T.R.	1hr

The above systems specification are process dependant.

812 Series

DETAPER

SYSTEM SPECIFICATIONS

WAFER SIZE	8" - 12"
THROUGHPUT	90 wfrs/hr
CENTERING / ALIGNMENT	CONTACTLESS VISION SYSTEM
TAPE COMPATIBILITY	ALL KIND OF TAPES
FOOT PRINT	1,9m²
CE marking	Full compliance
SEMI Standard	Full compliance
SECS-GEM full compliance	Option
WAFER ID / CASSETTE ID	Option OCR - DOT matrix - BCR
UV Station	Option
SMIF SYSTEM	Option
M.T.B.F.	550 hrs
M.T.T.R.	1hr

The above systems specification are process dependant.



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