JFP Model S200

The machines which require minimal training to operate

8” DIAMOND SCRIBER

Scribe Model S200 is easy to use for singulating components on 8’’ wafer. Robust; vibration free the scribe 200 unit is immediately operational, with minimum training. Vertical targeting is carried out with a video set including an electronic crosshair. A LCD screen allows parameters display and selected through programming wheel.

SCRIBING HEAD

- Z motion with adjustable angle
- Adjustable scribing force from 10g up to 300g; constant weight
- Diamond Tool: Adjustable for angle & rotation
- Tool Offset with cross-hair

WAFER TABLE

- Wafer/ chuck till 6’’. Option 8”
- Hold by vacuum
- Frame / Ring adaptator
- Motorized rotation: 90 degrees / programmable angle
- Rotation alignment mode in two points
- Rotary resolution : 500 000 steps/one revolution
- X Y Table / resolution 0.23µm
- Motion control with progressive joystick

VISION SYSTEM

- Optics & magnification compatible with application
- Field : 1,6 mm standard, X210
- TFT monitor 17’’ and CCD color camera high definition
- Digital crosshair
- LED lightings, vertical and oblique
- Option, inspection camera

PARAMETERS

- Optics & magnification compatible with application
- Y scribe speed from 1 to 100mm/sec
- Scribing length programmable
- Repeat scribe
- Number of scribe
- Step Index
- Multi index capability
- Cuts counter
- Touch down speed adjustable
- Circle

TECHNICAL SPECIFICATION

Power:	100 / 230VAC 50watt
Air:	70psi
Vacuum:	60%
Dimensions:	450x700x500mm (18’’x28’’x20’’)
Weight:	80 kg.

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