

Model JFP S200-6

6" WAFER SCRIBER



APPLICATIONS

- ❖ Thin Glass
- ❖ Borosilicate
- ❖ Silicon
- ❖ GaAs
- ❖ Alumina
- ❖ Sapphire

Scribe Model S200-6 is easy to use for singulating components till 6" wafer. Robust; vibration free the scribe S200-6 unit is immediately operational, with extremely friendly user interface. Vertical targeting is carried out with a video set including an electronic crosshair. A LCD screen allows parameters display and selected through programming wheel.

The S220-6 series provide customers with the highest quality and best cost / performance system on the market. Our proven expertise in scribing application effectively provides the technology and support to help our customers. Optional 8" wafer model also available.

Specifications	
MODEL	Automatic Scriber S200-6
SCRIBING HEAD	<ul style="list-style-type: none"> • Z motion with adjustable angle • Adjustable scribing force from 10gr up to 150gr / constant weight • Diamond Tool: Adjustable for angle & rotation • Tool Offset with cross-hair • Accuracy: $\pm 5\mu\text{m}$
WAFER TABLE	<ul style="list-style-type: none"> • Wafer chuck till 6" • Hold by vacuum • Frame / Ring adaptor • XY & Theta Motorized table • Rotation & alignment by interpolation / Motorization • X Y Table / resolution $1\mu\text{m}$; Accuracy $\pm 5\mu\text{m}$ • Motion control with progressive joystick weight
VISION SYSTEM	<ul style="list-style-type: none"> • Field of view 1mm • TFT monitor 17" • CCD color camera high definition • Target cross generator • LED lightings
PARAMETERS	<ul style="list-style-type: none"> • Optics & magnification compatible with application • Step Index • 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
UTILITIES	<ul style="list-style-type: none"> • Power 100Vac to 230Vac / 50W • Vacuum: 60% • Air: 70psiVacuum: 60% • Dimensions: 450x700x500mm (18"x28"x20") • Weight: 70kg