

JFP SBS420 Scriber Scriber-Breaker-Sorter



The machines which require minimal training to operate



Full Automatic System

MADE
IN FRANCE



Click the following link to view the video
<https://www.youtube.com/watch?v=-RrZ9VxztMI>

- The SBS420 is an unique machine designed scribing & breaking & sorting delicate component, such borosilicate lid.
- One inspection system check the component before the sorting.
- Full automatic system.
- The machine is robust, vibration free.

TECHNICAL SPECIFICATION

Power: 100 / 230VAC 50watt
Air: 70psi
Vacuum: 60%
Dimensions: 1210x1073x1400mm
Weight: 280kgr.

SCRIBING HEAD

- Y,Z motion with adjustable angle
- Adjustable scribing force from 10 gr up to 150gr; constant weight
- Diamond Tool: Adjustable for angle & rotation
- Tool Offset with cross-hair

WAFER TABLE

- Wafer chuck till 3"
- Die Size: Minimum 200µm square up to 10mmx10mm
- Wafer thickness: 100 µm and up
- Motorization rotation 90 degrees
- Motorization alignment
- XY motion / resolution 1µm
- Motion control with progressive joystick

VISION SYSTEM

- Video Microscope UHD cameras, 18Mp
- Full std FOV = 2,7mm,
Std Pixel resolution 1p = 0,55µm
- Digital Zoom x 10
- Monitor : TFT 22"
- Led Lighting , co-axial and oblique

BREAKER

- Breaking mode: Roller
- Force programmable
- Motion control with progressive joystick

INPECTION SYSTEM

SORTER

- Palet size 7x7"
- Cycle time 1.9 s
- Force programmable
- Joystick control