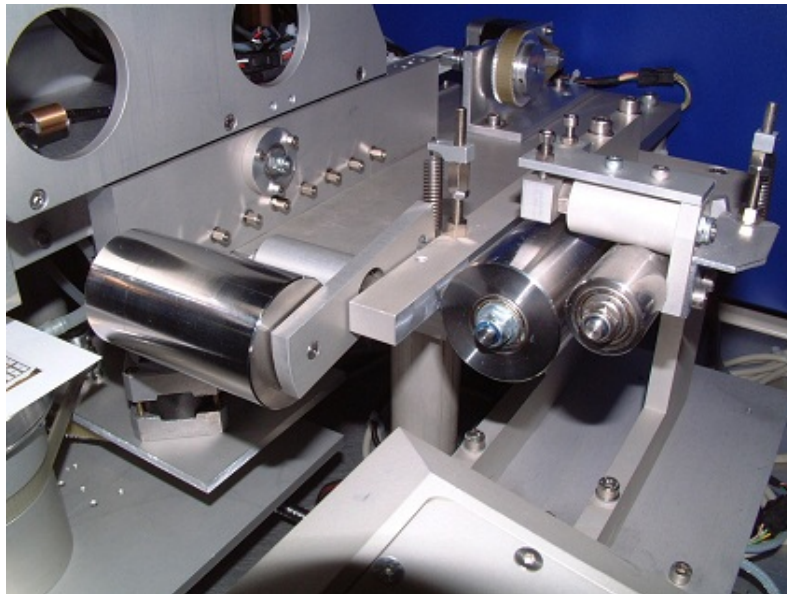


Dual Rollers Breaker Model BRK-60R

Thin Glass
Borosilicate
Silicon
Alumina
Sapphire
And more...



WAFER BREAKER BRK-60R is easy to use for singulating very small components, up to 2.5x2.5" wafer or substrate Robust; the Breaker unit is immediately operational, with minimum training. Vertical targeting is carried out with a video camera, for angular alignment. Monitor display includes an electronic crosshair. All parameters are directly adjusted on operator control panel.

Specifications	
MODEL:	❖ Automatic dual roller breaker BRK-60R
Breaker Head	<ul style="list-style-type: none"> ❖ 2 Rollers, length 105mm ❖ Roller Force; independently adjustable for X & Y ❖ Floating Rollers for Parallelism ❖ X & Y Table motorized ❖ Z axis, Air Cylinder
WAFER TABLE	<ul style="list-style-type: none"> ❖ Workholder up to 60mmx60mm wafer ❖ X & Y travel up to 100mmx100mm ❖ Parts shield holded by vacuum ❖ Rotary chuck for theta alignment ❖ Rotation alignment by micrometric screw ❖ Micrometer to adjust Theta
VISION SYSTEM	<ul style="list-style-type: none"> ❖ Optics & magnification compatible with application (1 to 4x) ❖ Alignment: Programmable area / Manual ❖ TFT monitor 17" and CCD color camera high definition ❖ Target generator ❖ LED lightings
PARAMETERS	<ul style="list-style-type: none"> ❖ Break mode: Single or Dual breaking pass on X or Y axis ❖ Breaking Force adjustable on X & Y rollers ❖ X break speed, electronic control ❖ Y break speed, electronic control
UTILITIES	<ul style="list-style-type: none"> ❖ Power 100Vac to 230Vac / 50W ❖ Vacuum: 60% ❖ Air: 70psi ❖ Vacuum: 70% ❖ Dimensions: 480x555x6200mm ❖ Weight: 30 kg

Breaking Sequence

Cycle sketch:

