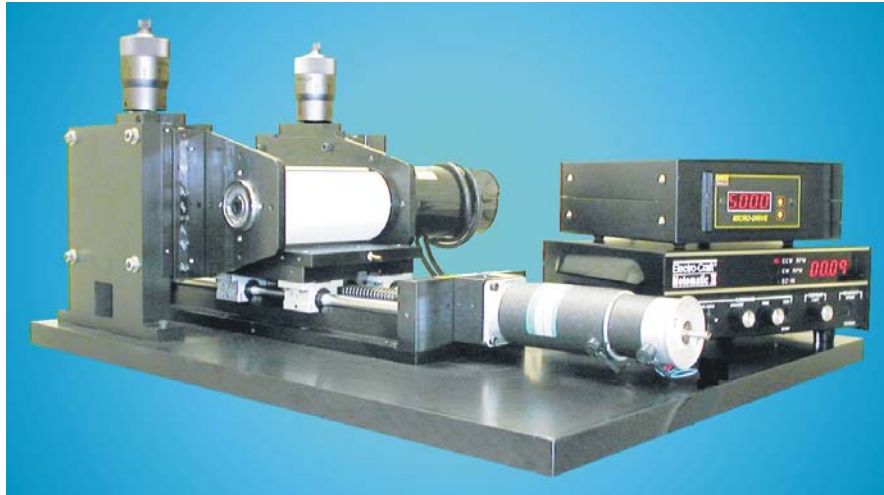




3 PRESTON COURT  
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## Specifications of the Model LCBM6

### Translational Table

Travel length:	304.8 mm
Flatness accuracy:	38 $\mu$ m over the entire travel
Straight line accuracy:	38 $\mu$ m over the entire travel
Maximum acceleration:	20 m/sec
Direct loading:	90 kg
Speed:	0-5 cm/sec
Travel-speed display:	digital
Vacuum chuck size:	151.8 mm by 151.8 mm

### Drum

Diameter:	76.2 mm (with a 20 $\mu$ m tolerance)
Length:	151.8 mm
RPM:	0-2000
Rpm display:	digital

### Buffing Cloth

YA18R woven polyester ryan, 100D, 1.65 mm 186 threads/3.78 cm made by Yoshikama.

The customer can easily replace this buffing cloth with a cloth of their choice.

### Vacuum Chuck

The table has a vacuum chuck with an array of holes. Each hole is plugged with a 6-22 set-screw. The vacuum can be increased by selectively removing the set screws. The smallest sample which can be held by the vacuum chuck is about 7 mm by 7 mm. The largest sample is about 150 mm by 250 mm.