

# Alsto ABRASION INDEX TEST MACHINE

The **Alsto Abrasion Index Test Machine** is designed to enable the abrasion index of a mineral sample to be determined in accordance with F. C. Bond's abrasion test method.

The abrasion index tester utilises an electrically driven drum and rotating abrasion paddle. The mineral sample is dropped on to the steel paddle, which rotates in the same direction.

The paddle is made to exacting standards of material and size and two square inches of this is exposed to wear.

After running the test, the weight loss of the paddle is noted in grams, this represents the Abrasion Index (Ai) of the material.

## Technical Data:

<b>Motor</b>	0.75 kW, 380/415V 3 $\phi$ 50Hz 4 pole, 1400 rpm, double shaft.
<b>Gearbox</b>	Helical in line
<b>Paddle</b>	Brinell 500 hardness
<b>Paddle speed</b>	632 RPM
<b>Drum speed</b>	70 RPM
<b>Dimensions</b>	810 x 552 x 1129 mm
<b>Weight</b>	150 kg



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