

STANDARD: EN14157

The Böhme Abrasion Tester STM-B is mainly used for carrying out abrasive resistance test on natural stone and other constructive materials (such as artificial stone, glass ceramics, construction brick etc.). The test is performed by positioning a specimen to be verified on the test track of the Böhme abrasion tester. The grinding wheel is made rotate and the specimen submitted to the abrasive load of $294N \pm 3N$ for a certain number of cycles.

TECHNICAL SPECIFICATIONS

Grinding wheel diameter	Ø750mm
Grinding wheel stiffness	190HB~220HB
Grinding wheel rotate speed	(30±1)r/min
Test track diameter	Ø220mm
Abrasive load on specimen	294N±3N
Revolution counter range	0~9999
Specimen size	(71±1.5)mm×(71±1.5)mm
Power supply	Three-phase four-wire 380V 50Hz
Power	0.55kW
Dimensions	830mm(L)×1070mm(W)×800mm(H)
Weight	Approximately 160kg

