

# Impact Testing (Tableware)

EJP ASTM Type Impact Tester, For estimating the resistance of fired ceramic ware items to rough handling and knocks according to ASTM C-368.

## Impact Test Hammers.

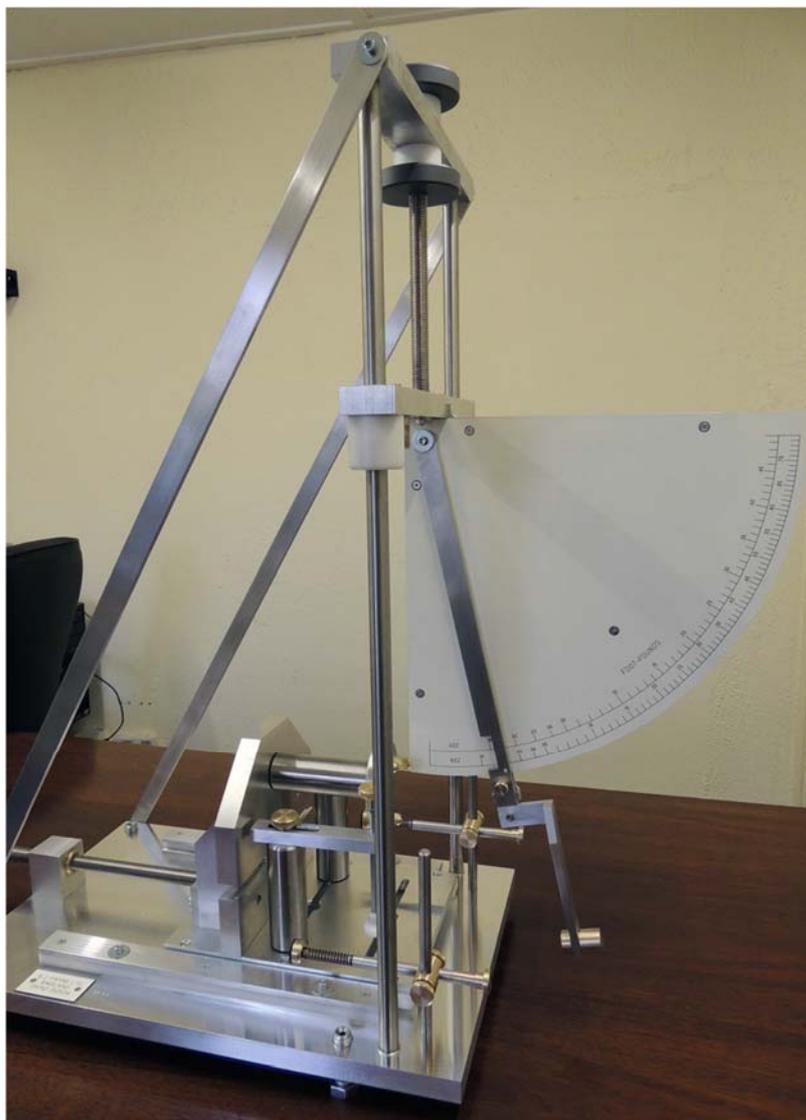
One dual scale machine is now available for carrying out impact tests according to A.S.T.M. test method C 368, the lower scale for bone china domestic tableware, and the heavier for carrying out tests on more robust ware (e.g hotelware).

The impact tests are carried out on either glazed or unglazed samples at the centre of both flatware and hollow ware, at the rim of hollow ware, and edge chipping tests at the rim of flat-ware.

The tests at the centre of the specimen are carried out to determine: (a) the magnitude of a blow that will be required to produce and initial fracture and (b) the amount of energy necessary to produce complete failure.

The impact test at the rim of hollow ware is similar to a chipping test, and the type of failure that is obtained is useful in evaluating the effect of the shape of the object.

For estimating the resistance of ceramic items to knocks and rough handling with the following features:



- Rockwell 55 impact head , with both 4oz and 6 oz supplied.
- Able to test hollow ware (cups), and edge chipping tests at the rim of flatware (plates) up to 320mm diameter.
- Dual Scale, for testing various types of ceramic wares (from Bone China to Hotelware).
- Maximum applied force of 0.50 ft/lb / 0.75 ft/lb, to determine: (a) initial fracture and (b) complete failure.
- Engraved Scales at increments of 0.01 ft/lb up to a maximum of 0.50 ft/lb on the 4oz scale, and 0.75 ft/lb on the 6oz scale.
- A clamping unit is provided to allow the testing of the strength of fired cup handles.
- Suitable for either glazed or unglazed flatware and hollow ware. A large model available on request for testing up to 500mm diameter.
- Conforms to the principle of ASTM C-368 standard.

## Product Code

ASTM type standard Impact Tester (up to 320mm)

IMPASTM

ASTM type extended Impact Tester (up to 500mm)

IMPASTMEXT