

MTE - PENETROMETER

MODEL No. CT-006

DESCRIPTION

The MTE Penetrometer is an apparatus used to measure rock hardness, Young's Modulus, and Poisson's Ratio within a specified range. Pressure is applied to a ram, which forces a rock sample against a penetrating needle. As pressure is increased, the depth of penetration is recorded. A chart is used to classify the rock hardness and determine Young's Modulus within a range from 2.3×10^6 psi to 12×10^6 psi. From this data, Poisson's Ratio can be calculated.

This apparatus provides vital information used in determining fracture height and depth, fracturing pressures, and proppant loading schedules. It is completely portable, requiring only an air or nitrogen source for operation, and requires minimal maintenance. Shipping dimensions: 18" X 18" X 18", 96 lb net.

CERTIFICATION

The MTE Penetrometer is certified by Messina (prior to shipment) to be fully operational and free of manufacturing defects. Each unit comes complete with operating instructions, one year spare parts, and spare parts list.

