



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY
MATERIALS MANAGEMENT DIVISION
Powai, Mumbai 400076.

Reference No. (PR No. 1000017024)

RFx No. 6100000693

TECHNICAL SPECIFICATIONS

Trim Saw With End Face Grinder

Trim saw is used to resize rock core samples for various applications. End face grinder ensures flat top and bottom surface for accurate testing of cores.

Core holder

1. Diamond mounted saw blades (double or triple) ensuring vibration free trimming of top and bottom surface.
2. Able to cut through fragile rocks (coal/shale) without breaking/chipping.
3. V shaped core mount ensuring parallel face of cores having variable widths.
4. Grinder for polishing the end faces of the cores.
5. Ability to mount 1 inch and 1.5 inch diameter core plugs as well as 50mm, 54mm diameter full-sized cores.
6. Ability to accommodate cores of variable length.

Other specifications and requirements

1. Constant water/lubricating fluid flow mechanism
2. One additional grinding wheels and saw blades to be included.
3. **Warranty:** The equipment should be covered under warranty for a period of **3 years** from the date of installation.