

## • Metallurgical Instrument

### Compression Testing Machines



- Automatic polishing cum grinding machine capacity.  
With 3 or 6 samples at a time polishing

### Dry Belt



- Abrasive cut-off machines used for burn free cutting of metallic samples for spectroscopic & microscopic examination.
- Assured burn free cut faces from tractor axels to 2 mm diameter niddles are in use for more than 32 years.
- Cut capacity up to 150 mm.
- Models – manual, semiautomatic & fully automatic with various cut capacities.

### Automount



- Double disc polishing machine.
- Speeds 300 to 1200 rpm.
- Sturdy frame.
- Storage compartments.

### Double Disc



- Table top single disc polishing machine
- Variable speed from 150 to 1200 rpm.
- For grinding & polishing microscopic inspection of metals, ceramics.

- We supply all types of metallurgical microscopes including inverted/erect stage. Magnification: Max. up to 900 X
- Computer interface attachment to get instant photographs.
- Powerful image analyzer software can be supplied with above attachment.

### Autopol



- Various types of dry belt grinders
- Belt width up to 200 mm
- Also available with dust collector
- Dust collector open & enclosed types.

### Automatic Cutoff machines



- Mounting press for metallurgical specimen mounting.
- Models – manual, semiautomatic & fully automatic.

### Double Disc NVF



- Double disc polishing machine.
- Speeds 300 to 1200 rpm.
- Sturdy frame.
- Storage compartments.

### Single Disc



### We can also supply following metallurgical machines:

1. Spectro disc grinder/polisher Special added feature – specimen holding arm with stopper & return mechanism for worrying convenience and added safety. Motorized suction for dust collection. Disc sizes up to 350 mm Ø.
2. Jominy quench hardenability test apparatus: One piece basin. All parts are made from non corrosive material.
3. Muffle furnace with digital temperature indicator & controller.
4. Consumables like fine cut wheels, polishing cloths, emery papers, polishing alumina, emery belt, diamond paste, phenolic molding powder, cold setting for mounts etc.