

## **METALLURGICAL MICROSCOPE**



#### **Basic Details: -**

Resolution/Frame rate : 2592 x 1944/ 7FPS

1280 x 960/ 27FPS 640 x 480/ 90FPS

Exposure Time :  $0.2ms \sim 2000ms$ 

Spectral Range : 380-650nm (with IR-filter)
Power Supply : DC 5V over PC USB Port



### **BRINELL HARDNESS TESTER**



#### **Basic Details: -**

Load ranges : 250 kgf up to 3000kgf.

Depth of throat : 200 mm
Height : 1277 mm
Net weight : 450 kg

Main supply : 400/440 V, 3 phase



### **MUFFLE FURNACE**



#### **Basic Details: -**

Inner Chamber : Heating Coil : Insulation : Ceramic Muffle

Kanthal A-1 Heating element

Ceramic Fibre Wool



### **IMPACT TESTING MACHINE**



#### **Basic Details: -**

Base : Made of M. S. Angle  $[2\frac{1}{2}$ " x 2 " x 3/16"]

Spring : Made of [IS 226] ½" dia spring steel wire, so Treated and constructed that a

force of 2000 lbs. Will compress the spring 0. 25 inches in overall length

Scale : Brass made scale will be provided

Tubes : ½" dia. half hard 20 gauge seamless tubes



### **DISC POLISHING MACHINE**



#### **Basic Details: -**

- Two 200 MM Aluminum discs over which polishing paper or cloth can be stretched
- Separate Motors for individual disc of 1/2 HP
- Variable speed from 50-1440 RPM
- Single Phase High torque AC Motor
- Water inlet/outlet for wet polishing.
- Flexible water jet with control valve
- Paper & Polishing Cloth holding Ring
- The operation of the machine with 220 V AC
- Machine Dimension (LXWXH): 870X 460 X 570 MM)