60CTM1000

# *CUT***LAM** Micro 1.1

Micro cutting machine machine with movable sample holder arm

## Description

- Manual cutting step, by using weight to balance the movable sample arm.
- Cutting capacity : cylindrical parts, ø50mm lenght 80mm .
- Lateral movement of the arm thanks a micrometric knob on the left side of the machine.
- Clamping of samples by a sample-holder, screws on the arm of the machine.
- front panel with display, to drive all the functions of the machine. (start/stop, speed, ...)
- Cooling of the sample during the cutting : pump with a tank.
- one nozzle to cool the sample during the cutting step.
- transparent canopy with magnetic sensor to stop the machine when the canopy is open.
- Strong steel casing powder coated.

## Features

- Diameter of the wheel : from Ø75 to 150mm.
- Arbour size ø 12,7mm.
- Diameter of standard flanges: Ø50mm (included).
- Power: 0,18 kW.
- Variable rotation speed, from 50 to 1500 rpm.
- Lateral stroke of the sample arm : 25mm (acc. 0,01mm).
- one weight to balance the sample-holder arm : 1 x 200g.
- Size (WxHxD): 394 x 394 x 355 mm.
- Weight of the machine : 29 kg.
- Power supply: 230 Volts 50 Hz single phase

60CTM1020

- Power supply 110V single phase.

**Included Equipement**

- PP recirculating tank
  *Flow of the pump : 800L/hour, Drive by machine*
  *Connection kit included (arrived/return pipes)*

- Cylindric holder, clamping with screws : for samples from ø 12 to 50mm maxi
- Set of flanges ø50mm for cutting wheel from ø125 to 150mm

60CTM10222 - User and maintenance guide for cutlam micro 1.1 in english

**Included Equipement (to be precised at the order)**

600061190 Chinese power plug

**Accessories**

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| 60 CTM01 10 | Set of flanges ø35mm for cutting wheel from ø75 to 100mm |
| 60 CTM03 20 | V-block screw holder for bar of up to Ø24mm. |
| 60 CTM03 30 | V-block screw holder for samples of up to Ø12mm. |
| 60 CTM03 40 | Double V-block screw holder for samples of up to Ø12mm. |
| 60 CTM03 50 | Screw holder for irregular samples |
| 60 CTM02 10 | small vice, screw clamping for samples Ø12mm max |