

UVmount Curing Machine

MOUNTING



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UVmount Curing Machine

UVmount is a cold mounting machine for cold mounting sample preparation that utilizes UV light to rapid curing resins. Pour the resin into a transparent mold, put it into the UVmount, and it only takes 60 seconds to get a completely transparent mounted sample. The sample preparation is fast and few of air bubbles, which can meet the requirement of high-quality sample preparation.

Features:

- ◆ Door automatic/electric open & close;
- ◆ Realize "one key start", automatically complete the process and sample delivery;
- ◆ 4.3-inch touch screen display for easy operation;
- ◆ The curing time is adjustable, with 4 preset timer buttons;
- ◆ Upper and lower double light source ensures no dead angle irradiation;
- ◆ Uniform curing from the inside out;
- ◆ The curing calorific value is low, and the maximum temperature during curing is lower than 90 degrees;
- ◆ The temperature of the sample at the end of curing is lower than 60 degrees;
- ◆ Dual fan cooling system;
- ◆ Can be equipped with air extraction and air purifier to prevent the leakage of unpleasant odors. (optional item)



Technical Data:

| Model | UVmount Curing Machine |
|-------------------------------------|---|
| Dimension of Sample support surface | 260x200mm |
| Max. height | 50mm |
| Curing time | 0~100min |
| Type of UV light | ultraviolet light (main wavelength 365nm) |
| Dimension(W×D×H) | Close: 400x404x188mm; Open: 400x651x188mm |
| Voltage/Frequency | 85~240V,50/60Hz (1Ph/N/PE) |
| Weight | 15kg |

Related Consumables & Accessories:



Cold Mounting System

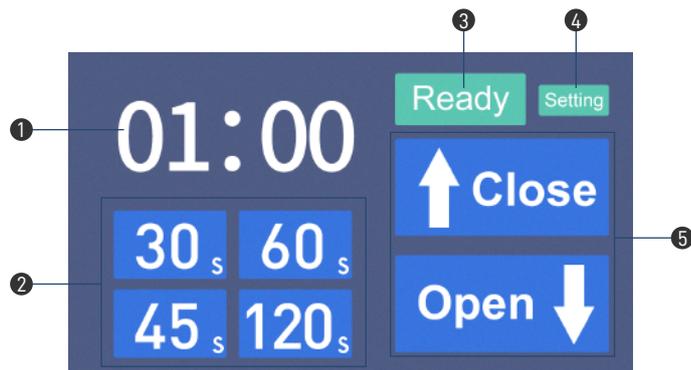


sample clip



UV resin

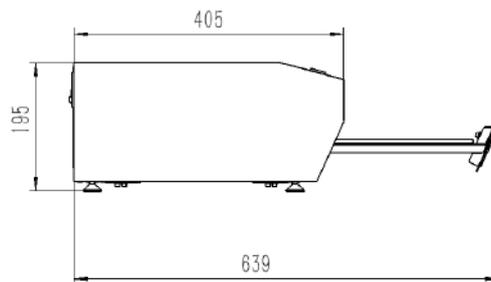
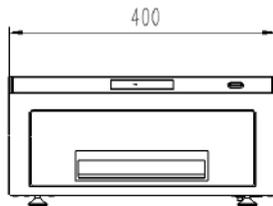
Control Panel Introduction:



- ① Curing time count down
- ② Pre-set curing time
- ③ Message
- ④ Settings
- ⑤ Door open/close

Dimension Figure

Unite: mm



Standard Accessories:

| | | | | |
|---|--------------------------|---|-------|---------|
| 1 | White Silicone soft mold |  | Φ30mm | 3PCS |
| 2 | TJ 2400 UV resin |  | 100ml | 1bottle |
| 3 | Power cord |  | 1.5m | 1pc |

Optional accessories:

| | | | |
|---|---------------------------------|---|------------------------|
| 1 | White Silicone soft mold |  | Φ30*18, Φ31*30, Φ40*27 |
| 2 | Square White Silicone soft mold |  | 50*50*20 |

Purchase list:

UV Resin:

| | | |
|-----------|------------------|-----|
| 02.05.110 | TJ 2400 UV resin | 1kg |
| 02.05.120 | TJ 2400 UV resin | 5kg |

Fixation Clips:

| | | |
|-----------|---------------------------|--------|
| 07.02.010 | Transparent triangle clip | 100pcs |
| 07.01.015 | Plastic coil clip | 100pcs |

Transparent Silicone Mold Cups:

| | | |
|-------------|-------------------------|-------|
| 08.02.022-3 | Φ30*18mm(deep) | 10pcs |
| 08.02.024-4 | Φ31*30mm(deep) | 10pcs |
| 08.02.030-3 | Φ40*27mm(deep) | 10pcs |
| 08.02.055-1 | 50*50*20mm(Transparent) | 10pcs |



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