

KSUM-3000 Light-Curing Cold Inlaying Machine



19 YEARS

Development Base of Advanced Testing Of China

Introductions

KSUM-3000 light-curing cold mounting machine uses LED lights and is specially used for light-curing of light-curing mounting materials.

Light-curing mounting materials have the advantages of fast speed, low viscosity, good fluidity, and transparency.

Features:

1. All use long-life LED lights;
2. There are surface light sources on the top, bottom, left and right sides, and the back, which provide uniform illumination and high curing light power to achieve uniform and rapid curing of multiple samples;
3. The brightness of the light source is adjustable, which is used to adjust the curing time of the sample to control the curing speed and curing temperature of the sample;
4. Vacuum mounting: before the sample is light-cured, the curing chamber is evacuated to greatly reduce air bubbles and the sample and mounting material are closely combined (optional)
5. Manual/automatic working mode. In automatic mode, it will stop automatically according to the set time.

Main Technical Parameters

Name	Specification
Curing light source	365nm (395nm optional)
Number of mounted	>12 pieces (for inlay molds with a diameter of 30mm)
Sample stage size	LengthXwidth: 134X98mm
Mold	Suitable for transparent molds of various shapes, including soft or hard molds or disposable molds
Dimensions	Diameter 20, 30, 40, 50mm, or rectangular mold, etc.
Power supply	Width X Depth X Height: 260X340X230mm
Weight	220V, 50/60Hz, 100W

Packing List:



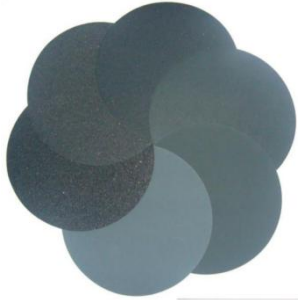
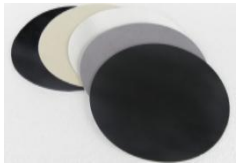






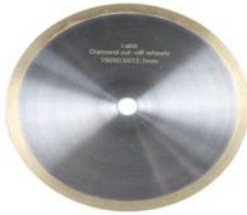

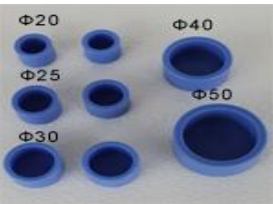



Item	Qty.
Mosaic machine host	1 set
Light Cure Cold Mounting Compound, 200ml	1 bottle
Transparent inlay mold, one soft and one hard	2
Instruction Manual	1 serving

Instruction of Use:

1. Pull out the sample tray and place the transparent mold containing the sample on the drawer board;
2. Pour the light-curing mounting material directly into the transparent mold containing the sample;
3. Place multiple samples on the sample tray;
4. Push the sample plate into the mounting machine, wait for a few minutes, and wait for the bubbles to overflow. If there are bubbles that cannot overflow, you can gently shake the mold to make the bubbles burst and overflow; if you have purchased the automatic vacuum system, you can repeat it 2-3 times. Vacuum to effectively remove air bubbles;
5. Set the light intensity and light time according to the number of samples.
6. Press the switch to start light curing;
7. After the time is up, take out the sample.

Note: When using UV lamp, it is forbidden to look directly at the lamp beads.

Metallographic consumables

			
Diamond cutting piece	Resin cutting sheet	Metallographic sandpaper	Polishing cloth
			
Alumina polishing powder	Cold/hot mosaic powder	Coolant	Diamond paste
			
Polishing plate	Diamond polishing agent	Diamond cutting piece	Mounting material
			
Die for cold Mounting	Metallographic sandpaper	Metallographic sandpaper	MEGULAR

CE certification



MACHINERY DIRECTIVE ATTESTATION OF CONFORMITY

Technical file of the company mentioned below has been inspected and audit has been completed successfully.

2006/42/EC Machinery Directive Annex VIII has been taken as references for these processes.

Company Name : **Jinan Kason Testing Equipment Co., Ltd.**

Company Address : No.4715, Jingshi West Road, Huaiyin District, Jinan, Shandong, China

Related Directives and Annex : **2006/42/EC Machinery Directive/Annex VIII**

Related Standards : **EN ISO 12100:2010; EN 60204-1:2018**

Product Name : **Testing Machine**

Report No and Date : TCF-JKTE230605-MD

Product Brand/Model/Type : WDS-1, WDS-2, WDS-3, WDS-5, WDS-10, WDS-20, WDS-30, WDS-50, WDS-100, WDS-200, WDS-300, WDW-1E, WDW-2E, WDW-3E, WDW-5E, WDW-10E, WDW-20E, WDW-30E, WDW-50E, WDW-100E, WDW-200E, WDW-300E, WDW-500E, WDW-600E, WDW-1000E, ETM103, ETM203, ETM303, ETM503, ETM104, ETM204, ETM304, ETM504, ETM105, WE-3000, WE-6000, WE-10000, WE-20000, HUT305S, HUT405S, HUT105S, HUT126S, WEW-300D, WEW-600D, WEW-1000D, WEW-1200D, WEW-2000D, WEW-3000D, HUT305E, HUT405E, HUT105E, HUT126E, HUT-A306E, HUT-A206E, WAW-300D, WAW-600D, WAW-1000D, WAW-1200E, WAW-2000E, WAW-3000, WAW-2000A, WAW-3000A, WAW-4000A, HUT-A206W, HUT-A306W, HUT-A406W, HUT305W, HUT405W, HUT105W, HUT126W, WAL, LAW, HUT-L, JB-300, JB-300B, JB-500B, JBS-300, JBS-500, JBW-300, JBW-500, JBDW-300, JBDW-500, CST-50, VHS-VH-1S, DWC-40, DWC-60, DWC-80, DWC-100, DWC-150, YES-1000, YES-2000, YES-300, YAW-1000, YAW-300, YAW-2000, YAW-3000, YAW-5000, NDS-200, NDS-500, NDS-1000, NDS-2000, NDW-200, NDW-500, NDW-1000, NDW-2000, NDW-3000, NDW-5000, NDW-10000, EZ-1, EZ-3, EZ-10, JWJ-10, TLS, TLW, HVS, PLS-20, PLS-50, PLS-100, PLS-300, PLS-500, PLS-1000, KASON-1, RDJ-10, RDJ-20, RDJ-50, RDJ-100, DWTT-20000, DWTT-30000, DWTT-40000, DWTT-50000, DWTT-80000, DWTT-100000, PIT-302, PIT-302M, PIT-502, PIT-502M, PIT-302T, PIT-502T, PIT-302W, PIT-502W, PIT-502TW, PIT-302CW, PIT-502CW, PIT-602CW, PIT-752CW, PIT-302CT, PIT-452CT, PIT-602CT, PIT-752CT, PIT-D302W, PIT-D502W, PIT-D302T, PIT-D502T, PIT-D302CW, PIT-D302CT, PIT-D452CW, PIT-D452CT, PIT-D752CW, PIT-D752CT, PIT-D302G, HCT106, HCT206, HCT304, KSCTM, HYJ, HEZ-3, HEZ-5, HEZ-10, HEZ-20, KSBT-10, KASON 370.02, KASON 370.05, KASON 370.10, KASON 370.25, KASON 370.50, MMW, GBW-60B, GBS-60B, HUT, ETM, XNR, GW-40, GW-50, MRS, MMU, MRH, GBW, GW, LSW, HBT, GLY, GCJ-1000, GWQ-1000, GNZ-1000, GQR-1000, GJR-300, GSS-1000, GMS-100, GFW-500, GQC-5, GQC-100, HR-150A, HRD-150, HRS-150, XHR, HB, HVS, HV, HBRV, W-20, HBA-1, LHT, Q-2A, MP-2, XQ-2B, XD-30M, 4XCE, 4XB, JSZ, MOPA0, MPT, P, MP, BG, LBG-32, MPJ-3.5, Q-2, Q-100B, SQ, Q-3A, QG-4, LSQ, LDQ, GTQ-5000A, GTQ-5000B, DTQ, ZXQ, 4XC, HST, KASON, KS, KSCLUT, HTR, HTPR, HTB, HSTR-45S, HTV, HTMV, HTBRV, METRPRESS, MPJ

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Address: Mutfukent Mahallesi 2073 Sokak [Eski 93 Sokak] No:10 Çankaya - Ankara - TURKEY

Phone: +90 031 2 443 03 90 Fax: +90 031 2 443 03 76

E-mail: info@udem.com.tr www.udem.com.tr



ISO certification



Worldwide Headquarters

Duandian Industrial Park, Jingshi Road, Jinan, China.

Tel: +86 1786059866

Email: admin@jnkason.com

Products for Materials Testing

V2024-3-EN

Jinan Kason Testing Equipment Co., Ltd.

Duandian Industrial Park ,
Jingshi Road, Jinan City,
Shandong Province, China.

Tel. +86 17860598665

Email: admin@jnkason.com



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