

SHUR/Mount™ Robotic Coverslipper . . .

Proven Technology



SHUR/Mount's patented mechanism for picking up coverglass "CG" assures that **only one coverslip is dispensed each and every time**. When a coverslip is broken or the CG dispenser is empty, an alarm sounds and the slide is returned to the xylene station - thus preventing the specimen from drying out.



The SHUR/Mount™ utilizes pressure bending technology to duplicate the "manual coverslipping technique" resulting in slides of superior quality, minimal bubble formation and reliable long-term storage.



Coverslipped slides are collected in up to three racks of 20. When all racks are filled, an **alarm alerts** the operator to remove and replace with empty racks.

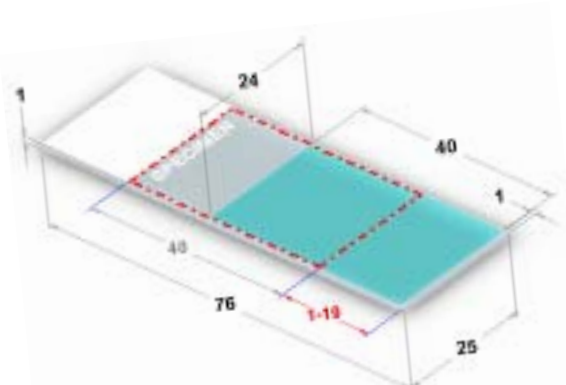
The Meisei® RCM3660 has been the World's first choice in automated coverslipping for over a decade. Formerly marketed in the US under the Hacker®- Meisei® banner, TBS® is proud to now exclusively represent SHUR/Mount™ ... The newest innovation in glass coverslipping technology.

Innovative Mechanisms

New dispenser design assures bubble-free dispensing and **automatically stores dispenser tip in xylene** to prevent tip clogging. Adjustable speed control coverslips up to **400 slides/hour**.

Safety First

Minimize xylene exposure or noxious odors with the built-in forced air exhaust system or order the optional activated charcoal/hydrocatalytic filter accessory where external exhausting of fumes is not practical.



Maximum Flexibility

SHUR/Mount™ has been **designed to accept a wide range** of commercially available glass microscope slides, glass coverslips and mounting mediums. Choose 24 X (40, 50, 55 or 60) mm (No. 1) coverglass and adjust the coverglass placement to your individual preference.

..... Innovations for Science™



Automation & Reliability

Simply load up to three racks of twenty slides into **SHUR/Mount's innovative xylene bath** for slide specimen staging prior to coverslipping. No need to worry about specimen deterioration.

Superior Quality

SHUR/Mount™ xylene-based coverglass mounting medium is **specifically formulated for automated coverslipping**. Simply remove the cap & insert directly into your **SHUR/Mount™** instrument. You can depend on our lot to lot consistency and never have to worry about long-term optical storage degradation.



Adaptability & Convenience



An **assortment of baskets and adapters** are available so that the **SHUR/Mount™** conveniently integrates with the more popular automated stainers.

Increased Efficiency



Loading coverglass into the **SHUR/Mount™** is effortless with TBS' convenient disposable dispenser of prepackaged non-stick coverslips. **No handling of Coverglass required.**

Specifications:

Throughput (hr)	400 (8.5-14 sec/slide) (7 adjustable speeds)
Glass Slide size / thickness (mm)	76 x 26 / 0.9 - 1.2 (polished edge)
Coverglass size / thickness (mm)	24 x (40, 50, 55, 60) / 0.12 - 0.17 (No.1)
Coverslipping Method	Pressure bending
Mounting Medium	Compatible w/clearant, vis 80-800 CP
Mounting Medium/slide (ml)	0.04 - 0.2 (adjustable)
Medium Dispensing Method	One drop or a line (adjustable)
Mounting Medium Capacity (ml)	100 and 500
Coverglass capacity (ea)	200
Glass slide capacity (ea)	60
Slide Storing after Coverslipping	20 / Rack (3 rack capacity)
Fume Extraction	Exhaust fan (Optional charcoal/hydrocatalytic filtration)
Power Supply	115 VAC, 50/60Hz, 3 Amps
Environmental Conditions °C (°F)	10 (50) - 40 (105), 30 - 90% RH
Dimensions (lid closed) (cm/in)	50/20 W · 54/21 D · 64/25 H
Weight: Actual / Shipping kg (lb)	65 (143) / 80 (176)

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