

USHIO Cinema Solutions
★ KOOPTECH® Washer & Dryer Unit
for 3D Glasses

USHIO



DURATION OF FULL CYCLE:
Washing + drying = 4 min 30 sec
more than 13 cycles per hour!

USHIO Cinema Solutions

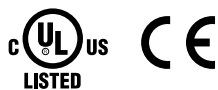
KOOPTECH® Washer & Dryer Unit for 3D Glasses

Ushio America, Inc., is the authorized distributor of the Kooptech® washer and dryer system. The Kooptech system is recommended by DOLBY® and RealD as an approved system for the maintenance of 3D glasses. The core of Kooptech system is equipped with a patented function of fast drying in low temperature.

The small, all-in-one system washes, sanitizes and dries all 3D glasses in a 4 min. 30 sec. cycle. The glasses are perfectly clean without watermarks, streaks or spots and are ready to be distributed to movie goers right after the cleaning is complete. The machine's low temperature method is safe for all glasses. It is user friendly, very effective and the repeatability process is amazing. The low cost of operation makes the investment pay for itself in a short period of time.

Product Features & Benefits

- › Unique centrifugal washing and drying process
- › Cleaning liquid reaches whole surface of glasses
- › 4 min 30 sec washing-drying cycle
- › Equipped with patented function of fast low-temperature drying
- › No watermarks or streaks on surfaces
- › No temperature damage, very safe process
- › No tedious hand drying of glasses anymore
- › Effectiveness and repeatability of process, independent from human factor
- › The operator has no direct contact with clean, sanitized and dried 3D eye wear
- › Low cost of operation
- › UL and CE certified



Available Accessory:

- › Trolley for transport and storage of 3D glasses
- › Baskets for storage of 3D glasses



KOOPTECH® 3D glasses washing-drying unit.
Recommended by DOLBY® and RealD®.



Do your 3D glasses have problems with spotting, drying or glasses melting? The unique centrifugal washer-dryer unit for 3D glasses solves all your problems!

Technical Specifications

External dimensions of Kooptech WD 110/50 cULus 3D-glasses washer/dryer

Width	31.5" (800 mm)
Depth	39.37" (1000 mm)
Height	49.21" (1250 mm)
Weight	397 lbs (180 kg)



Total power consumption	6.85 kW
Nominal supply voltage	3-phase 208 V (Y) 60 Hz with grounding, installation fitted with a class K5 fuse (30 A) or equivalent fuse
Short circuit current rating of main switch	5 kA

Water inlet temperature	Cold water, max. 15 °C (59 °F)
Water hardness	<2° dH
Power water source pressure	2.5 bar - 3.0 bar
Water source	Efficiency min. 2500 l/h (per one machine)
Water connection	G3/4" male thread; fitted with a cut-off valve; conduit length: 3.94" (100 cm)
Water outflow	ø24; conduit length: 5.91" (150 cm)
Emergency valve	ø24; conduit length: 5.91" (150 cm)



Ambient temperature	Min. 15 °C (59 °F) - max. 30 °C (86 °F)
Washing detergent consumption	0.40 oz (12 ml) / cycle
Rinse aid consumption	0.20 oz (6 ml) / cycle
Water consumption	3.57 gal (13.5 l) / cycle
Sound level	<70 dB(A)
Other	The floor surface below the unit hardened and flat

Why KOOPTECH® system?

WASHING OF 3D GLASSES

Kooptech® WD 110/60 cULus 3D-glasses washer/dryer	Gastronomic dishwashers
Low and predictable costs	Costs are impossible to predict
Cleaning liquid reaches whole surface of glasses thanks to spin washing	Washing effectiveness depends on the amount of baskets filled with glasses, placed by the operator inside the washing machine
Washing effectiveness does NOT depend on the operator	Washing effectiveness does NOT depend on the operator

DRYING OF 3D GLASSES

Kooptech® WD 110/60 cULus 3D-glasses washer/dryer		Other solutions	
<p><u>Drying glasses relies on:</u></p> <p>Centrifugation of the fluid from the glasses surface after washing</p> <p>Drying is performed in low temperature</p>	<p>Very low cost of drying glasses</p> <p>No mechanical damage of lenses (scratches, tarnish)</p> <p>Short drying time</p> <p>No temperature damage</p> <p>Repeatability of the process</p>	Hot aid drying	<ul style="list-style-type: none"> • High cost • Constant accumulation of chemicals on lenses surface causes formation of permanent stains and spots • Temperature and mechanical damage of lenses • High cost of restoring glasses reserve
		Hand wiping	<ul style="list-style-type: none"> • High cost • Mechanical damage of lenses • High cost of restoring glasses reserve
		Leaving glasses "to dry themselves"	<ul style="list-style-type: none"> • Constant accumulation of chemicals on lenses surface causes formation of permanent stains and spots

3D GLASSES STORAGE AND PROTECTION

Kooptech® trolley and baskets for 3D glasses		Other solutions	
Glasses separation	Lenses protected from damages	No separation of glasses	Damaged lenses
Clean pieces are not touched by operator	Patrons always get clean glasses	Everything depends on the operator	Fingerprints on lenses

Authorized Distributor: Ushio America, Inc.

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