

# DUAL CIRCULATION BATH



## **Krew Instruments Dual Circulation Bath**

Don't buy a box—invest in an engineered solution that guarantees product integrity and operational efficiency.

- A machine with three dedicated tanks, each requiring different temperature ranges from  $-45^{\circ}\text{C}$  to  $200^{\circ}\text{C}$ .
- A tank containing Isopropyl Alcohol that had to consistently maintain the precise temperature of  $-45^{\circ}\text{C}$ .
- An Oil Bath Tank that needed to reach Temperatures up to  $200^{\circ}\text{C}$ , with rapid cooling to Room Temperature within 40 minutes through an integrated Chiller.
- Uninterrupted Data Collection and Live Monitoring using SCADA, assuring full level of control and performance monitoring.

- **Built to Outlast** : From the core outward, our equipment is designed for longevity. By offering both Standard (MS powder-coated exterior) and Premium GMP (all-SS 304) models, we ensure your investment is protected, whether it's against the rigors of a busy lab or the strict demands of a controlled environment.
- **Plug-and-Perform Reliability** : Our units are fitted with high-quality components, including digital controllers and efficient circulation pumps, minimizing downtime. You get a machine that is calibrated and ready to deliver consistent performance from day one, so you can focus on your work, not on troubleshooting.

**Choosing Krew instruments for any type of customized solution is a smart decision**

## TABLE DATA

Model Type	<b>Standard Model:</b> Inner: Stainless Steel - 304, Exterior: MS sheet duly powder coated <b>GMP Model:</b> Inner and Outer Body: Stainless Steel 304
Temperature Range	<b>Water Bath:</b> -20 to -45°C <b>Oil Bath:</b> 5°C above ambient to 200°C
Heating / Control	Fitted with immersion type heater, digital temperature controller cum indicator
Accuracy	± 3°C (Water Bath), ± 1°C (Oil Bath)
Power	230 V AC
Circulation	Fitted with circular pump with stirrer to re-circulate oil at constant temperature
Cooling	Chiller for oil cooling at the ambient temperature



**Krew Instruments Pvt Ltd.**

**Registered Address:** No. 4/1101, Niraj Park,Wayle Nagar, Gandhare Road, Kalyan(w) Mumbai - 421301, Maharashtra, India

**Manufacturing Unit :** Gala No. 004, B-Wing, Ground Floor Shree Ganesh Compound, Pawar Section Chikhloli MIDC  
Ambarnath (E) - 421506, Maharashtra, India

+91 9224433419 / +91 8591239083 | krewinstruments@gmail.com



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