

PVT OPERATION: PVT Equipment

PVT Equipment Catalogue PVT Equipment

CONSTANT TEMPERATURE OIL BATH

Ruska Constant Temperature Oil Bath are designed to provide thermostatically controlled, uniform heat to temperatures of 300⁰F (150⁰C). All baths are equipped with a motorized stirrer which provides thorough circulation of the fluid through a bath. Each bath is designed to house a specific PVT cell and provide an obstruction free area. Each bath is equipped with an adjustable temperature controller with resolution with resolution of 1⁰F or 1⁰C, depending on the model selected. Thumb wheels are provided on the controller to set the temperature. All temperature controllers are factory set to minimize overshoot and optimize temperature control. These temperature controllers are fused for safe operation.



Specifications

PRODUCT NO.: 2315-810-200**Temperature:** 175 ⁰C**Power:** 230 VAC**Resolution:** 1 ⁰C**Cycle:** 50 Hz**PRODUCT NO.: 2315-811-200****Temperature:** 350 ⁰F**Power:** 230 VAC**Resolution** 1 ⁰F**Cycle:** 60 Hz**H₂S SAFETY****H₂S (Hydrogen Sulfide) Properties****Colour:** Colourless**Odour:** Very offensive, commonly referred to as odour of rotten eggs.**Vapour Density:** 1.5399 g/l H₂S is heavier than air.**Boiling Point:** -76⁰F (-60⁰C)**Explosive Limits:** 4.3 to 46% by vol. in air**Ignition Temp.:** 500⁰F (260⁰C)**Water Solubility:** 4 volumes gas in 1 volume water at 32⁰F**Flammability:** Forms explosive mixtures with air or oxygen