

# PLATELET AGITATOR & INCUBATOR



## Digital Temperature Display

4.3/7.1" Touch Screen Display for viewing the temperature, alarms and previous week records.

## Lifetime Comfortable Access

Full length handle for easy access from all heights.

## Key locking system

High quality locks for locking the door from unauthorized access.

## Low-noise Compressor

Relative noise level as low as 50 db.

## Lockable Castor wheels

Heavy duty lockable Castor wheels for locking the equipment in place.



## Miniature Circuit Breaker

It cuts off the power to the equipment in case of voltage peaks to protect inner circuitry.

## Perforated tray

Trays are set for easy access to Platelet bags.

## Powder Coated

Powder Coating for Scratch and Corrosion Resistance

## Ventilation Slits

Proper ventilation for the equipment to keep cool.

## pre-filters

Easy access to removable and washable air filter enables resulting in better performance.

**Model Available:-X1/X2 PIA 20, 60, 120, 200**

## Technical Features

The platelet agitator and incubator are designed to maintain a set temperature of **22°C** with an exceptional accuracy of **±0.1°C** and a gradient of **±1°C**, ensuring reliable performance even in ambient conditions of up to **+45°C**.

**A microprocessor-based controller**, conveniently positioned at eye level, is complemented by a 4.3/7.1-inch LCD touchscreen that provides real-time updates on key parameters such as actual temperature, door status, compressor operation, and alerts for high/low voltage or power failures. Temperature monitoring is highly precise, thanks to a glycerine-dipped sensor.

The incubators feature durable construction, with interiors crafted from polished **AISI 304 stainless steel** and exteriors made of corrosion-resistant, **powder-coated CRCA/HDGI** sheet metal. Insulation with polyurethane or VIP foam enhances thermal efficiency, while flicker-free CF lamps provide uniform illumination. Magnetic door gaskets and optional key locks, available with RFID or fingerprint technology, add an extra layer of security. Bacterial-resistant, perforated stainless steel shelves ensure hygienic storage.

Operational dependability is supported by a **hermetically sealed compressor**, **automatic defrost cycles**, and heavy-duty lockable castor wheels for effortless mobility. The devices are environmentally conscious, utilizing CFC and HCFC-free refrigerants, and operate quietly with a noise level of just 50 dB. Optical and acoustic alarms effectively notify users of events such as door openings, temperature deviations, and power failures.

Enhanced functionalities include a **digital, inkless, paperless circular chart recorder**, **USB data output for easy data management**, and optional SMS alerts for temperature variations. Operating on 220V to 240V, 50 Hz, single-phase AC power, these incubators are also equipped with a noiseless, heavy-duty gear motor capable of delivering 60–70 motions per minute for efficient agitation.