LABORATORY & LIFE SCIENCE EQUIPMENT
Precision. Performance. Reliability.



CO2 INCUBATOR

PLT-146(A) | “TANCO”

Designed for controlled cell culture and laboratory incubation, the TANCO CO■ Incubator combines precise temperature and CO2 regulation with chamber filtration, high-temperature sterilization and practical day-to-day usability.

170 L	140°C	0–20%	23 shelves
Chamber volume	Sterilization	CO2 range	Max. capacity

KEY FEATURES & TECHNICAL SPECIFICATIONS

CHAMBER & CONSTRUCTION
• 170 L interior chamber volume
• Corrosion-resistant stainless-steel interior with mirror-polished finish for easier routine cleaning
• Four standard SS 304 shelves; expandable to a maximum of 23 shelves
• Stand with castors

TEMPERATURE CONTROL
• Direct-heat, six-sided heating system for high temperature uniformity
• Uniformity: ±0.3°C at 37°C
• Microprocessor-based PID temperature control with 0.1°C setting increments
• Temperature range: 5°C above ambient to 55°C

CO2 REGULATION
• Microprocessor-based CO2 control with 0.1% setting increments
• Control range: 0–20% CO2
• CO2 sensor positioned inside the culture chamber for responsive measurement and control

CONTAMINATION CONTROL
• HEPA air filtration designed to restore Class 100 / ISO Class 5-like conditions within 5 minutes after door opening
• High-temperature sterilization cycle at 140°C
• Fan-assisted active airflow designed to help limit sample desiccation

CONVENIENCE & MONITORING
• User-programmable tracking alarms for temperature and CO2 functions
• Relative humidity: ambient to greater than 90%, supported by water-pan design
• Heated dual-pane inner glass door for faster recovery to setpoint
• Reversible door swing for flexible installation and space planning

WARRANTY & SERVICE
• One-year on-site warranty, including parts and labour
• Service support by trained factory-direct technicians nationwide

TANCO LAB PRODUCTS
Phone: +91-9999054454 | Email: info@tancolabproducts.com | Website: www.tancolabproducts.com