

TGS-CW2000-AF

Automatic Laboratory Animal Cage Washer

Designed & Manufactured by THAIGES CO., LTD. (www.thaiges.com)

Product Overview

Automatic cage washer designed for laboratory animal facilities, biomedical research centers and university animal facilities. The design complies with the functional requirements specified in the TOR including automatic washing, recirculation system, chemical dosing, PLC control and stainless-steel construction.

Main Dimensions

Width: 2,000 mm

Depth: 800 mm

Height: 2,000 mm

Door Open Height: 2,400 mm

Key Features

- Vertical Lift Glass Door
- Triple Oscillating Spray Arm System
- Recirculating Wash System
- Chemical Dosing System with Level Monitoring
- Exhaust Conditioning System
- Omron PLC + Touch Screen HMI
- 5 Wash Programs
- USB Data Export
- Emergency Stop & Safety Interlock

Standard Baskets

Cage Basket: 650 x 450 x 250 mm (2 Sets)

Water Bottle Basket: 650 x 450 x 120 mm (2 Sets)

Bottle Cap Basket: 650 x 450 x 200 mm (2 Sets)

Utility Requirements

Electrical: 400 VAC, 50 Hz, 3 Phase

Water Inlet: 1 inch, 2–5 bar

Drain: 2 inch, up to 90°C

Ethernet: RJ45 x 1 Port

TOR Compliance Summary

The proposed TGS-CW2000-AF model is designed to comply with the major technical requirements of the TOR:

- Automatic cage washer with vertical lift glass door
- Electric heating system
- Stainless steel spray arms
- Recirculating wash cycle
- Alarm and safety monitoring
- Touch screen operation
- USB data export
- Stainless steel AISI304 construction
- Standard cage, bottle and cap baskets included