

FRONTIER

BY LACO TECHNOLOGIES



STANDARD THERMAL VACUUM SYSTEMS

Configurable to meet your precise testing requirements, Frontier TVAC Solutions give you the power and versatility of a custom system with the price point, convenience, and short lead times of a standard system.

LACO TECHNOLOGIES



STANDARD FEATURES *with* REAL RESULTS

EACH FRONTIER STANDARD TVAC SYSTEM INCLUDES:

- 4 cylindrical & 4 cube chamber sizes
- Configured to your requirements
- Meets NASA launch standards
- Vacuum: ATM to 10^{-7} Torr
- High vacuum bake-out
- Optional thermal shrouds & custom feedthroughs
- Fully integrated & tested
- Thermal cycling options:
 - LN2 & electrical heat: -150°C to 150°C
 - Recirculation chiller: -70°C to 150°C



HVC-3500 CONTROLLER

- 20 customizable recipes
- Full system integration
- Automated vacuum & temperature control
- Data logging
- Remote access



SPARE PORTS



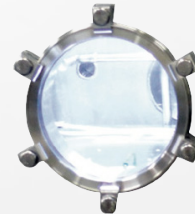
ISO - 17025
CALIBRATED
GAUGES



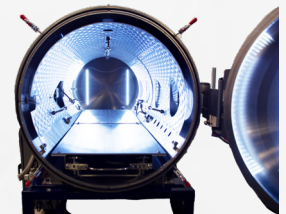
DRY
ROUGHING
PUMP



TURBO
PUMP



VIEWPORT
ON DOOR



INTERNAL LED
LIGHTING

FST CUBE SYSTEM DIMENSIONS (inches)

	FST - 2020	FST - 2424	FST - 3030	FST - 3636
CHAMBER DIMS (INSIDE)	20 X 20 X 20	24 X 24 X 24	30 X 30 X 30	36 X 36 X 36
PLATEN SIZE (L X W)	19 X 19	23 X 23	29 X 29	35 X 35
DEVICE UNDER TEST (DUT) VOLUME (L X W X H)	19 X 19 X 16	23 X 23 X 20	29 X 29 X 26	35 X 35 X 32

FST CYLINDRICAL SYSTEM DIMENSIONS (inches)

	FST - 1824	FST - 2430	FST - 3036	FST - 3640
CHAMBER DIMS (INSIDE)	17.5 X 24	23.4 X 30	29.5 X 36	35.5 X 40
PLATEN SIZE (L X W)	22 X 14	28 X 20	35 X 24	40 X 24
DEVICE UNDER TEST (DUT) VOLUME (L X W X H)	22 X 14 X 19	28 X 20 X 11	35 X 24 X 14	40 X 24 X 22