

FRONTIER THERMAL VACUUM SYSTEM

BY LACO TECHNOLOGIES



FULL LINE *of* 8 STANDARD THERMAL VACUUM SYSTEMS

FRONTIER STANDARD TVAC (FST)

- 4 cylindrical & 4 cube chamber sizes
- Configured to your requirements
- Meets NASA launch standards
- Thermal cycling options:
 - LN2 & electrical heat: -160°C to 200°C
 - Recirculation chiller: -60°C to 150°C
- Vacuum: ATM to 10^{-7} Torr
- High vacuum bake-out
- Fully integrated & tested



STANDARD FEATURES *with* REAL RESULTS

EACH FRONTIER STANDARD TVAC SYSTEM INCLUDES:



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 SIZES

PRODUCT	TVAC - 2020	TVAC - 2424	TVAC - 3030	TVAC - 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	35 X 35

FST CYLINDRICAL SYSTEM SIZES

PRODUCT	TVAC - 1824	TVAC - 2430	TVAC - 3036	TVAC - 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	20 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



About LACO

LACO Technologies, Inc. is a leading manufacturer of vacuum and leak testing systems. Driven by innovation, service, and quality, we strive to be the best provider of standard and custom vacuum and leak testing solutions. Established in 1975, LACO Technologies is located in Salt Lake City, Utah, and serves customers across the United States and internationally. Owned by engineers, LACO is uniquely situated to provide innovative solutions for vacuum and leak testing applications. We work with diverse customer applications and are dedicated to Engineered Solutions You Can Trust

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