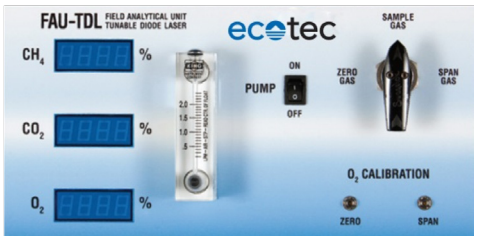
FAU-TDL | Technical specification

ecotec



MEASUREMENTS

SENSOR	TYPE	RANGE	RESPONSE TIME (T90)	ACCURACY
CH4	Laser	0-100%	≤30s	+/-0.5%
CO2	Laser	0-100%	≤30s	+/-0.5%
O2	Laser	0-25%	≤30s	+/-0.05%

SENSOR	TYPE	LIFETIME	RANGE	RESOLUTION	RESPONSE TIME (T90)	ACCURACY
O2	Electrochemical	Appox. 24 months.	0-25%	0.1%	≤30s	+/-1%

GAS CONDITIONING

Particle removal	Particles >20 microns
Liquid removal	Can sample on wet or dry basis, gas must be non-condensing

POWER SUPPLY

Power	90-240VAC 50-60Hz 1.4A

ENVIRONMENTAL CONDITIONS

Operating temperature	-4°F - 158°F (-20°C - +70°C) with cold weather package
Relative humidity	0-95% non-condensing

PHYSICAL

NEMA 4x enclosure	36" x 24" x 9" / 915mm x 610mm x 288mm

PUMP

Flow rate	200-2,000 ml/min
Vacuum / pressure	-120" W.C max / +4 PSI max

OPTIONAL ACCESSORIES

Temperature probe	+/-1°C of reading -22°F to 266°F (-30°C to +130°C)