

Universal Analyzers Inc.

UNIVERSAL ANALYZERS MODEL 520 SAMPLE COOLER SPECIFICATIONS

SAMPLE FLOW RATE:	0 TO 2 1/2 L/M TOTAL (at STP)
MAXIMUM INLET TEMPERATURE:	
STAINLESS STEEL HEAT EXCHANGER:	700° F. (351° C.)
KYNAR/GLASS HEAT EXCHANGER:	280° F. (138° C.)
MAXIMUM INLET GAS DEWPOINT:	178° F. (81° C.)*
MAXIMUM INLET WATER CONCENTRATION:	50%*
MINIMUM AMBIENT TEMPERATURE:	34° F. (1° C.)
MAXIMUM AMBIENT TEMPERATURE:	105° F. (41° C.)*
MAXIMUM COOLING POWER:	63 BTUs PER HOUR (60 kJ/Hr.)
OUTLET SAMPLE DEW POINT:	41° F. (5° C.)
GAS SAMPLE INLET FITTING:	3/8" TUBING FITTING
GAS SAMPLE OUTLET FITTING:	1/4" TUBING FITTING
BOTTOM WATER DRAIN FITTING:	3/8" TUBING FITTING
MAXIMUM INPUT POWER:	175 WATTS
VOLTAGE:	90-132 or 180-264 VAC, 50/60 Hz
ELECTRICAL CLASSIFICATION:	GENERAL PURPOSE, NEMA 1
DIMENSIONS:	11" HIGH x 9" WIDE x 9 DEEP
WEIGHT:	17 LBS (8 KG)
SOLUBLE GAS REMOVAL RATES:	NO 0% LOSS NO ₂ <10% LOSS SO ₂ < 2% LOSS CO 0% LOSS CO ₂ < 2% LOSS

at reduced flow rate above 90° F. (32° C.) See next page.