

DV 990 BV Technical Data

HARDWARE SPECIFICATIONS	
OPTICAL SYSTEM	8 MEASURING CHANNELS+ 1 FOR AUTOCALIBRATION LAMP
READING TIME	SINGLE WAVELENGTH: 9
	DOUBLE WAVELENGTH: 9 TRICHROMATIC WAVELENGTH: 16
ABSORBANCE RANGE	0 - 3A IN SINGLE WAVELENGTH 0 - 9A IN TRICHROMATISM
ACCURACY	1A (OD) ± 0,02 OD
LINEARITY	± 1%
REPEATABILITY	1,0 A (OD) ± 0,01 A (OD)
RESOLUTION:	0.001 A
SPECTRAL RANGE:	380 - 750 NM.
FILTERS:	NARROW BAND INTERFERENTIAL AUTOMATICALLY SELECTED
SOURCES:	HALOGEN LAMP
DISPLAY	LIQUID CRYSTALS
KEYBOARD	ALPHANUMERIC 24 KEYS 46 FUNCTIONS
DATA HANDLING	INTERNAL SOFTWARE OR PC SOFTWARE
INTERFACES	PC: RS-232C
	PRINTER: PARALLEL OUTPUT
ELECTRIC REQUIREMENTS	220 V 50 HZ 300 W OR 110V/60 HZ
WEIGHT:	11KG
DIMENSIONS:	40 X 35 X 15 (H) CM
INTERNAL SOFTWARE SPECIFICATIONS	
CAPITULATES	30 STORABLE CAPITULATES
READINGS	SINGLE WAVELENGTH
	DOUBLE WAVELENGTH (A-B OR B-A)
	DUAL WAVELENGTH (RANGE EXPANSION)
BLANKS	SINGLE OR DUPLICATE
STORAGE OF CALIBRATION CURVES AND CUT OFF	POSSIBILITY TO USE STANDARDS AND CONTROLS OF PRECEDING RUNS AND EVENTUALLY OF CURVES MODIFICATION ON THE BASE OF WELLS USED AS CONTROL;
CUTOFF METHODS DATA HANDLING	CUTOFF CALCULATION
	P O N MARKER FOR EACH WELL ACCORDING TO THE CAPITULATE
QUANTITATIVE METHODS DATA HANDLING	2 TO 7 STANDARDS, IN SINGLE OR DUPLICATE
	SAMPLES IN SINGLE OR DUPLICATE
	REGRESSION CURVE : 4 PARAMETERS OR POLYGONAL CURVE PRINTOUT IN LINEAR OR LOGARITHMIC SCALE.
	PRINTOUT RESULTS IN ABSORBANCE AND CONCENTRATION
PRINTOUT	SEQUENTIAL OR IN MATRIX FORMAT
CONFORMITY	IEC 61010-L ELECTROMAGNETIC COMPATIBILITY 89/336/EEC-CE marking