

FLAME PHOTOMETERS - TECHNICAL DATA IN ppm



		FP8400	FP8500	FP8600	FP8700
MEASURING RANGE	Na	0.01-4500 ppm	0.01-4500 ppm	0.01-4500 ppm	0.1-45000 ppm
	K	0.01-4500 ppm	0.01-4500 ppm	0.01-4500 ppm	0.1-45000 ppm
	Li	0.01-4500 ppm	0.01-4500 ppm	0.01-45000 ppm	0.1-45000 ppm
	Ca	0.50-4500 ppm	0.50-4500 ppm	0.50-45000 ppm	5.0-45000 ppm
DETECTION LIMIT	Na	0.01 ppm	0.01 ppm	0.01 ppm	0.1 ppm
	K	0.01 ppm	0.01 ppm	0.01 ppm	0.1 ppm
	Li	0.01 ppm	0.01 ppm	0.01 ppm	0.1 ppm
	Ca	0.03 ppm	0.03 ppm	0.03 ppm	0.3 ppm
PRECISION	Na	0.2 % at 40 ppm	0.2 % at 40 ppm	0.4 % at 40 ppm	0.6 % at 40 ppm
	K	0.2 % at 40 ppm	0.2 % at 40 ppm	0.4 % at 40 ppm	0.6 % at 40 ppm
	Li	0.2 % at 40 ppm	0.2 % at 40 ppm	0.4 % at 40 ppm	0.6 % at 40 ppm
	Ca	0.2 % at 40 ppm	0.2 % at 40 ppm	0.4 % at 40 ppm	0.6 % at 40 ppm
ACCURACY	Na	1 % at 40 ppm	1 % at 40 ppm	1 % at 40 ppm	1 % at 40 ppm
	K	1 % at 40 ppm	1 % at 40 ppm	1 % at 40 ppm	1 % at 40 ppm
	Li	1 % at 40 ppm	1 % at 40 ppm	1 % at 40 ppm	1 % at 40 ppm
	Ca	1 % at 40 ppm	1 % at 40 ppm	1 % at 40 ppm	1 % at 40 ppm

FLAME PHOTOMETERS - TECHNICAL DATA IN mmol/l



		FP8400	FP8500	FP8600	FP8700
MEASURING RANGE	Na	0.0004-200 mmol/l	0.0004-200 mmol/l	0.0004-200 mmol/l	0.004-2000 mmol/l
	K	0.0003-110 mmol/l	0.0003-110 mmol/l	0.0003-110 mmol/l	0.003-1100 mmol/l
	Li	0.0014-600 mmol/l	0.0014-600 mmol/l	0.0014-600 mmol/l	0.014-6000 mmol/l
	Ca	0.0125-110 mmol/l	0.0125-110 mmol/l	0.0125-110 mmol/l	0.125-110 mmol/l
DETECTION LIMIT	Na	0.0004 mmol/l	0.0004 mmol/l	0.0004 mmol/l	0.0004 mmol/l
	K	0.0003 mmol/l	0.0003 mmol/l	0.0003 mmol/l	0.0003 mmol/l
	Li	0.0014 mmol/l	0.0014 mmol/l	0.0014 mmol/l	0.0014 mmol/l
	Ca	0.0075 mmol/l	0.0075 mmol/l	0.0075 mmol/l	0.0075 mmol/l
PRECISION	Na	0.2% at 1.74 mmol/l	0.2 % at 1.74 mmol/l	0.4 % at 1.74 mmol/l	0.6 % at 1.74 mmol/l
	K	0.2% at 1.03 mmol/l	0.2 % at 1.03 mmol/l	0.4 % at 1.03 mmol/l	0.6 % at 1.03 mmol/l
	Li	0.2% at 5.71 mmol/l	0.2 % at 5.71 mmol/l	0.4 % at 5.71 mmol/l	0.6 % at 5.71 mmol/l
	Ca	0.2% at 1.00 mmol/l	0.2 % at 1.00 mmol/l	0.4 % at 1.00 mmol/l	0.6 % at 1.00 mmol/l
ACCURACY	Na	1% at 1.74 mmol/l	1 % at 1.74 mmol/l	1 % at 1.74 mmol/l	1 % at 1.74 mmol/l
	K	1% at 1.03 mmol/l	1 % at 1.03 mmol/l	1 % at 1.03 mmol/l	1 % at 1.03 mmol/l
	Li	1% at 5.71 mmol/l	1 % at 5.71 mmol/l	1 % at 5.71 mmol/l	1 % at 5.71 mmol/l
	Ca	1% at 1.00 mmol/l	1 % at 1.00 mmol/l	1 % at 100 mmol/l	1 % at 1.00 mmol/l

FLAME PHOTOMETERS - TECHNICAL DATA



	FP8400	FP8500	FP8600	FP8700
CALIBRATION	Linear with 2 standards			
	Non linear with 6-8 standards, cubic approximation			
DRIFT				
REFERENCE	Lithium guide line with 5 mmol/l			
SAMPLE VOLUME	2,5 ml	2,5 ml	2,5 ml	0,25 ml
COMBUSTION GAS	Propane: recommended for alkaline elements			
	Butane: possible substitute for propane			
	Acetylene for flame photometry: recommended for alkaline earth elements			
DISPLAY	TFT-Display with integrated 8,4" TFT touchscreen, 800x600 Pixel			
INTERFACES	2 x USB flash drive 1 x Ethernet 1 x RS-232 for printer	2 x USB flash drive 1 x Ethernet 1 x RS-232 for printer Upgrade 4-20 mA analogue, passive current interface	2 x USB flash drive 1 x Ethernet 1 x RS-232 for printer	2 x USB flash drive 1 x Ethernet 1 x RS-232 for printer
ACCESSORIES	24 character plain paper printer			
	Pressure reducing station with filter unit			
	Various standards and system solutions			
	Spare parts and accessories directly from the manufacturer			
UPGRADEABILITY	Retrofit kits to other models available			