



+27 60 999 9140

info@microanalytica.co.za

489 Jacqueline Drive, Garsfontein
Pretoria, Gauteng, 0081

ANALYTICAL EXCELLENCE...

www.microanalytica.co.za

Flame Spectrophotometer

An analytical instrument based on emission spectrum principle, using the thermal energy of flame to make certain elements luminescence to analyse the content thereof. Widely used in the analysis and determination of agricultural fertilizer, soil, cement, ceramics and pathological studies etc.

FEATURES:

- USB interface (except MA-FP640)
- LPG as burning gas
- Direct concentration read-out (except MA-FP640)
- Measuring range adjustable
- 7-inch LCD touch screen
- Automatic calculation of correlation coefficient (except MA-FP640)
- Pre-selection of flame sizes
- Flameout protection device
- Optional: Built-in printer (except MA-FP640)



Air compressor

MODEL SPECIFICATIONS:

Model		MA-FP640	MA-FP6410	MA-FP6430	MA-FP6431	MA-FP6440	MA-FP6450
Sensitivity (LOD)	K	0.01ppm					
	Na	0.01ppm					
	Li	/	/	0.1ppm	/	0.1ppm	
	Ca	/	/	/	2ppm	2ppm	
	Ba	/	/	/	/	/	6ppm
Range	K	0~100ppm					
	Na	0~160ppm					
	Li	/	/	0~100ppm	/	0~100ppm	
	Ca	/	/	/	0~1000ppm	0~1000ppm	
	Ba	/	/	/	/	/	0~3000ppm
Linearity Error	K	≤0.195ppm					
	Na	≤0.69ppm					
	Li	/	/	≤0.15ppm	/	≤0.15ppm	
	Ca	/	/	/	≤3ppm	≤3ppm	
	Ba	/	/	/	/	/	≤9ppm
Reproducibility		3% CV for 7 consecutive samples					
Response Time		<8s					
Sample Uptake		<6ml/min					
Ambient Temp.		10°C~35°C					
Humidity		≤85%					
Power Supply		AC110/220V±10%, 60/50Hz					
Consumption		250W					
Standard Accessory		Air compressor					
Package Size (mm)		570*560*400					
Gross Weight (kg)		18					

Note: The instrument data shows one digit after the decimal point by default