

# STALWART

## Flame Photometer SFP-Series



## Features

- 7 inch Color Touch Screen
- Direct reading
- Flame out protection
- Automatic calculation of correlation coefficients
- Supports cloud connectivity , PC Connection and Printing

SFP -450	concentrat	SFP -440	SFP -432	SFP -431	SFP -430	SFP -410	SFP -400
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## Specification

Model	SFP-450	SFP-440	SFP-432	SFP-431	SFP-430	SFP-410	SFP-400
Display	7-inch color touch screen						
Display Results	Concentration value/Energy						
Reading Range	0.000~999.9/0~65535						
Testable	K, Na, Li, Ca, Ba	K, Na, Li, Ca	K, Na, Ba	K, Na, Ca	K, Na, Li	K, Na	K, Na
Channel Qty	5	4	3	3	3	2	2
Range ppm	K	0-100	0-100	0-100	0-100	0-100	0-100
	Na	0-160	0-160	0-160	0-160	0-160	0-160
	Li	0-100	0-100	—	—	0-100	—
	Ca	0-1000	0-1000	—	0-1000	—	—
	Ba	0-3000	—	0-3000	—	—	—
Detection Limit ppm	K	0.01	0.01	0.01	0.01	0.01	0.01
	Na	0.01	0.01	0.01	0.01	0.01	0.01
	Li	0.1	≤0.015	—	—	≤0.015	—
	Ca	2	2	—	2	—	—
	Ba	6	—	6	—	—	—
Linear Error	K	0.195	0.195	0.195	0.195	0.195	0.195
	Na	0.69	0.69	0.69	0.69	0.69	0.69
	Li	0.15	0.15	—	—	0.15	—
	Ca	3	3	—	3	—	—
	Ba	9	—	9	—	—	—
Response Time	<8S						
Sample Uptake	<6ml/min						
Stability	<3% drift over 15s when continuous sampling						
Reproducibility	<3% coefficient of variation for 7 consecutive samples						
Curve Graph	Yes	Yes	Yes	Yes	Yes	No	No
Printer	Optional	Optional	Optional	Optional	Optional	Yes	Optional
PC Connection	Yes	Yes	Yes	Yes	Yes	No	No
Output	USB port						
Power	AC 220V/50Hz or AC 110V/60Hz						