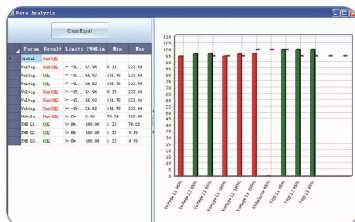


Model		 SA2200 	 SA2100 	 SA2300 
Standard compliance		IEC61000-4-30 Class A, Ed.3	IEC61000-4-30 Class S	○
Input	Voltage/Current	4/4	4/4	4/4
	Voltage range	1-1000Vrms, 6000V transient voltage		5-600Vrms
	Current range	depends on supplied current clamp		
	Optional current clamps	ST08,CTC0080, CTC0130,CTC1535,ETCR035AD, SY-1500A, PY-3000A,SY-6000A	ST08,CTC0080, CTC0130,CTC1535,ETCR035AD, SY-1500A, PY-3000A,PY-5000A	ST08,CTC0080, CTC0130,SY-1500A, PY-3000A,SY-6000A
3 Phase Multi-Power System	Wire Combinations	10-1P+NEUTRAL,1P IT NO NEUTRAL ,1P SPLIT PHASE 3P DELTA, 3P WYE 3P IT,3P HIGH LEG ,3P OPEN LEG,2-ELEMENT,2 1/2-ELEMENT		5-1P+NEUTRAL,1P IT NO NEUTRAL 1P SPLIT PHASE,3P DELTA ,3P WYE ○
Measurement Function	AC mode	●	●	●
	DC mode	●	●	○
	Voltage/Current	●	●	●
	Frequency	50Hz,60Hz,400Hz	50Hz,60Hz,400Hz	50Hz,60Hz
	Harmonics (IEC61000-4-7)	1-100th (50/60Hz)	1-50th (50/60Hz)	1-51th (50/60Hz)
	Power/Energy	●	●	●
	Unbalance	●	●	●
	Dips/swell	●	●	●
	Inrush	●	●	○
	Flicker (IEC61000-4-15)	●	●	○
	Transients	● 200kS/s	● 20kS/s	○
	Logger	●	●	●
	Monitor (EN50160)	●	●	○
	Mains signaling	●	○	○
	Wave Record	●	○	○
Storage	Micro SD card (build-in)	32GB	32GB	32GB
Time Synchronization	GPS/Beidou (option)	●	○	○
Power Supply	Rechargeable Battery	Li-Ion	NI-MH	Li-Ion (18650 x 2)
	Capacity/Life	5200mAh/>8h	3800mAh/>7h	5100mAh/6h
	External AC/DC adapter	AC 100-240V, 50/60Hz DC 12V/2A	AC 100-240V, 50/60Hz DC 12V/2A	AC 90-264V, 47-63Hz DC 5V/3A
General Characteristic	Display	5.6" TFT LCD /640*480	5.6" TFT LCD /320*240	4.3" color touch screen/480x272
	Language	14-Chinese, English,French, German, Korean, Portuguese(Brazil/Portugal), Spanish (Latin/Spain), Polish, Turkish,Russian,Italian,Japanese	10- Chinese, English,French, German,Korean, Polish,Portuguese, Spanish, Turkish,Russian	2-Chinese, English. (updating later)
	Communication interface PC software - PQA View	USB Host, LAN, WIFI ●	USB Host, LAN ●	USB Host, LAN ●
	Dimension/Weight	270×190×66 mm / 2.0kg	262×173×66 mm / 1.6kg	158x200x47 mm / 1kg
	Electrical Safety	IEC61010-1 ,Safety Degree: 600V CAT IV 1000V CAT III		IEC61010-1, CATIII 600V

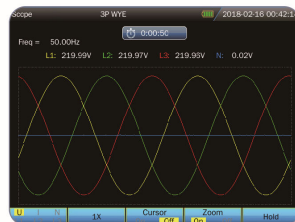
*Notice: ● means the indicated function is available while ○ means not available



32GB Micro SD card



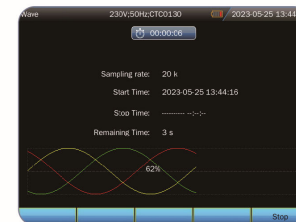
PQA View



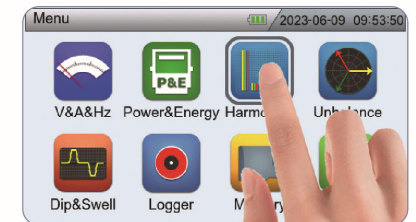
Scope



100th Harmonics



Wave Record



Touch Screen