



Power Standards Lab  
980 Atlantic Ave #100  
Alameda, CA 94501 USA  
TEL ++1-510-522-4400  
FAX ++1-510-522-4455

[www.PowerStandards.com](http://www.PowerStandards.com)

# Certificate of Conformity

## IEC 61000-4-30 Edition 3

### IEC 62586-2 Product Category PQI-A

### HIOKI PQ3198

230V, 50/60 Hz, L-N  $U_{din}$  for all parameters

IEC 62586-2 Section	Power Quality Parameter	PQI-A classification	PQI-S classification	Remarks
6.1	Power frequency	Yes	Yes	
6.2	Magnitude of the supply voltage	Yes	Yes	
6.3	Flicker	Yes	Yes	
6.4	Supply voltage dips and swells	Yes	Yes	
6.5	Voltage unbalance	Yes	Yes	
6.6	Voltage harmonics	Yes	Yes	
6.7	Voltage interharmonics	Yes	Yes	
6.8	Mains signaling voltage	Yes	Yes	
6.9	Under-over deviations	-	(N/A)	Optional – Not tested
6.10	Flagging	Yes	Yes	
6.11	Clock uncertainty	Yes	Yes	
6.12	Variations due to external influence quantities	Yes	Yes	
6.13	Rapid voltage change	-	-	Optional – Not tested
6.14	Current magnitude	Yes	Yes	
6.15	Current harmonics	Yes	Yes	
6.16	Current interharmonics	Yes	Yes	
6.17	Current unbalance	Yes	Yes	

Power Standards Laboratory certifies that the above instrument meets the requirements of IEC 61000-4-30 Ed3 when tested according to the procedures set forth in IEC 62586-2.

This certificate summarizes the results of PSL 62586-2 Test Report – HIOKI PQ3198 dated **27 August 2021**. PSL tested two samples, S/N # 210446184 & S/N # 210446185, at 230VAC, 50/60 Hz. Manufacturer states that these samples are representative of the PQ3198 series.



HIOKI PQ3198

Thomas Pua

27 August 2021

[Thomas@PowerStandards.com](mailto:Thomas@PowerStandards.com)