

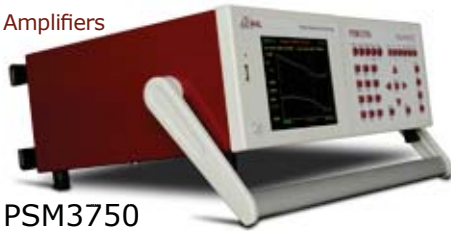
# PRODUCT COMPARISON

	PPA500	PPA1500	PPA4500	PPA5500
<b>Basic Accuracy</b>				
V, A rdg error	0.05%	0.05%	0.03%	0.01%
Power rdg error	0.10%	0.10%	0.04%	0.03%
<b>Phase Options</b>				
Internal	1~3	1~3	1~3	1~3
Master/Slave operation	—	—	4~6	4~6
<b>Bandwidth</b>				
20 & 30A Shunt	DC ~ 500kHz	DC ~ 1MHz	—	—
10 & 30A Shunt	—	—	DC ~ 2MHz	DC ~ 2MHz
50A Shunt	—	—	DC ~ 1MHz	DC ~ 1MHz
<b>Voltage Input</b>				
Max input voltage	2500Vpk	2500Vpk	3000Vpk	3000Vpk
No. of ranges	8	8	8	9
<b>Direct Current Input</b>				
10Arms model	—	—	○	○
20Arms model	○	○	—	—
30Arms model	○	○	○	○
50Arms model	—	—	○	○
No. of ranges	8	8	8	9
<b>Features</b>				
Scope and Graph Modes	—	○	○	○
USB Memory port	○	○	○	○
LAN Port	○	○	○	○
GPIB Port	○	○	○	○
RS232 Port	○	○	○	○
Real time clock	○	○	○	○
19in Rack mount option	○	○	○	○
Torque and Speed	—	—	○	○
IEC61000 Mode	—	—	—	○
PWM Motor Drive Mode	—	○ (Via Parallel Filtering Options)	○	○
Oscilloscope/Graphic	—	○	○	○
Transformer Mode	—	—	○	○
PWM Filter Options	—	2	7	7
Speed/Harmonics/Sec	300/sec	300/sec	600/sec	1800/sec
Internal Datalogging	4 Parameters	4 Parameters	16 Parameters	16 Parameters
Datalog Records	16000	16000	16000	10M
ABD0100.1.8 Mode	—	—	—	○
Internal Memory	192kB	192kB	200MB	1GB
Harmonics	50	50	100	417
Minimum Window Size	10ms	10ms	10ms	2ms
Dimensions - Excl. Feet H x W x D (mm)	92 x 215 x 312	92 x 215 x 312	130 x 400 x 315	130 x 400 x 315
Weight	3.3 - 4kg	3.3 - 4kg	5.4 - 6kg	5.4 - 6kg

— Not Applicable      ○ Option      ● Standard

All specifications at 23°C ± 5°C. These specifications are quoted in good faith but Newtons4th Ltd reserves the right to amend any specification at any time without notice

The N4L product range also includes Frequency Response and Impedance Analyzers, Selective Level Meters and Laboratory Power Amplifiers



**PSM3750**  
10μHz ~ 50MHz



**PSM17xx**  
10μHz ~ 35MHz

## Applications



- Power supply phase margin and gain margin (FRA)
- Inductance, Capacitance and Resistance (LCR)
- Analysis of mechanical vibration (HARM)
- Phase Angle Voltmeter (PAV)

Contact your local N4L Distributor for further details

## Newtons4th

Newtons4th Ltd (abbreviated to N4L) was established in 1997 to design, manufacture and support innovative electronic equipment to a world-wide market, specialising in sophisticated test equipment particularly related to phase measurement. The company was founded on the principle of using the latest technology and sophisticated analysis techniques in order to provide our customers with accurate, easy to use instruments at a lower price than has been traditionally associated with these types of measurements. Flexibility in our products and an attitude to providing the solutions that our customers really want has allowed us to develop many innovative functions in our ever increasing product range.



Newtons4th Ltd are ISO9001 registered, the internationally recognised standard for the quality management of businesses



In recognition of the technical innovation and commercial success of the PPA series, N4L received the "Innovation 2010" Queen's award for enterprise

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