

EUROPE'S LARGEST SELECTION OF TEST & MEASUREMENT EQUIPMENT FOR HIRE

INLEC.COM

DATASHEET



Nationwide Low Call
0333 6000 600

WHY BUY
WHEN YOU CAN HIRE



S40A

Universal Test System

Specifications

Voltage generators

Setting range	
3-phase ac (L-N)	3×0...150V
1-phase ac (L-L)	1×0...300V
dc (L-L)	1×0...±300V
Power	
3-phase ac (L-N)	3×60VA at 150V
1-phase ac (L-L)	1×100 VA at 300V
	(two generators in series)
dc (L-N)	4×48W at ±180 V
Accuracy	< 0.16% rd.+0.04 %rg. guar., < 0.08% rd.+0.02 %rg. typ.,
Ranges	150V
Resolution	10mV
Distortion	0.1 %

Current generators

Setting range	
Model	S40A
3-phase AC(L-N)	3×40A
1-phase AC(L-N)	1×120A
dc (L-N)	1×10A
Low grade	
1-phase AC (L-N)	1×0...200mA
	3VA at 200mA
dc (L-N)	1×0...200mA
	4W at 200mA
Power	
Model	S40A
3-phase AC(L-N)	3×75VA at 5A
1-phase AC(L-N)	3×520VA at 40A
dc (L-N)	90W at 10A
Accuracy	< 0.16 rd.+0.04 % rg. guar., at 0~30A < 0.08 rd.+0.02 % rg. typ., at 0~30A
Harmonics	2nd
Distortion	0.1%
Resolution	5mA (1mA, low grade)
General	
Frequency	
Range	DC 40 to 100Hz

Accuracy	0.002%
Resolution	0.002 Hz
Phase	
Angle range	0...360°
Accuracy	0.2°
Resolution	0.1°

Auxiliary dc supply

Voltage range	0, 24V, 110V, 220V
Power	110W at 220V, 55W at 110V, 12W at 24V

Binary inputs

Number	4
Input characteristics	0+/-250Vdc or potential free
Max. measuring time	999999.999 s
Accuracy	1ms±0.1%
Resolution	1ms

Binary output, relay

Number	1
Type	Potential free relay contacts, software controlled
Break capacity ac	Vmax: 300Vac /Imax: 1A /Pmax: 125VA
Break capacity dc	Vmax: 300Vdc /Imax: 1A /Pmax: 60W

Power supply

Nominal input voltage	110~240Vac
Permissible input voltage	90~260Vac
Nominal frequency	50/60Hz
Permissible frequency	45~65Hz

Environmental conditions

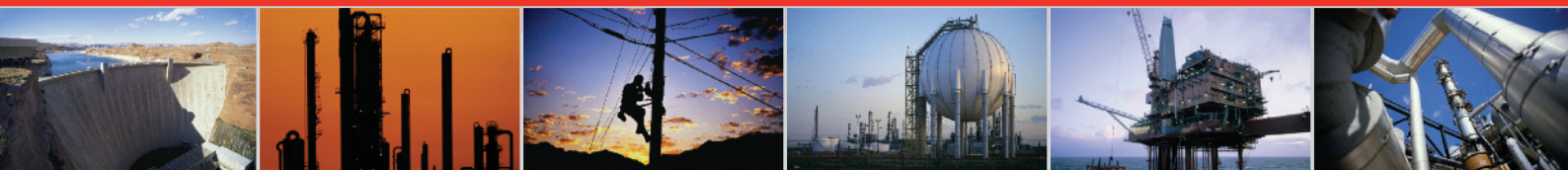
Operation temperature	0...+50°C
Storage temperature	-25...+70°C
Relative humidity	5...95% non - condensing
EMC (Emission)	IEC-61000-3-2/3
EMC (Immunity)	IEC 61000-4-2/3/4/5/6/11
Safety	IEC 61010-1

Others

PC connection	USB
Ground Socket (earth)	4 mm banana socket; front side
Weight	18kg
Dimensions (W x H x D)	360mm × 157mm × 367 mm



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OUR COMMITMENT TO YOU

A wealth of knowledge and experience.

You can take advantage of expert advice to ensure you get the best, most appropriate and cost effective equipment for the job. We supply a wide variety of industries, so if there is another way to do the job or save you time and money we'll pass on the benefit of our experience for free.

Honest advice, just a phone call away.

If we don't have a particular item, rather than hiring you something that won't do the job, we would rather direct you to an alternative supplier. You will always be provided with full instructions and if you still need help, call our technical team on Nationwide Low Call 0333 6000 600. Our aim is to save you time, frustration and money.

Top quality equipment from major manufacturers.

With Inlec you'll get the most accurate, reliable and well-maintained equipment available. Prices are regularly reviewed to ensure you always enjoy the best value for money. We have made a significant investment in test equipment so we ensure that it's well packed to minimise damage and delay.

We really do listen to you.

You won't waste your time contacting Inlec. Every request for equipment is logged and carefully considered. Listening to our customers helps keep our product range up to date and relevant. If you are unhappy about any aspect of our service please let us know so we can put it right.

YOUR 5 WAY GUARANTEE

1 GUARANTEE SAME DAY DESPATCH

We understand why prompt delivery is important to you. So, if we confirm your order before 3pm, you are guaranteed same day despatch.

2 OUR PRICE GUARANTEE

Inlec guarantee you real value for money. Our price match policy is simple - if you can hire the same product for less elsewhere, we guarantee to match that price and reduce it by a further 10% of the difference - and still deliver our industry leading technical and customer support.

For full details check our price-match guarantee online

3 TOP QUALITY GUARANTEED

All equipment is thoroughly checked prior to dispatch to ensure you receive it in full, safe working order. Your shipment will be securely packed and include manufacturer's instructions, accessories or consumables and a valid calibration certificate where appropriate. In addition, Inlec offer a 24 hour replacement service if you decide the equipment is not suitable for your application*.

4 FRIENDLY, KNOWLEDGEABLE ADVICE GUARANTEED

Inlec are happy to provide you with free advice, from an unbeatable team of experienced, knowledgeable and friendly engineers and hire experts.

5 YOUR GUARANTEE OF THE BEST CUSTOMER SERVICE

Throughout your hire we will work hard to ensure you enjoy the very best in support and service from Inlec. We guarantee you won't find better service anywhere in the industry.

*subject to availability and conditions

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