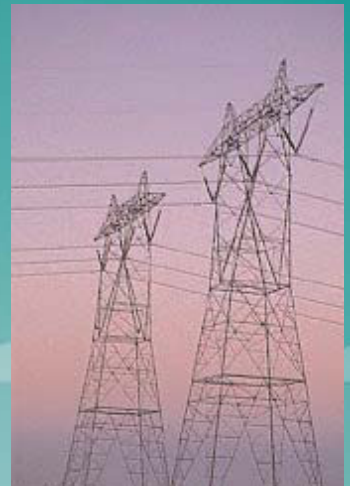
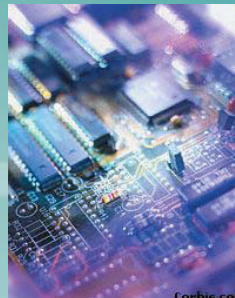


Test solutions

Power Electronics ATE
worldwide solution providers



INTEPRO
SYSTEMS

Power Electronics ATE

The Global Intepro Group comprises world-leading business in Power Electronics ATE, EMC test equipment and EMC Components.

With a worldwide network of sales subsidiaries in Asia, Europe and the US, Intepro has serviced the international electronics community for over 40 years.

Intepro Limited - History

Based in Limerick, Ireland, Intepro Limited was originally founded in 1980 where it established a reputation as the world's leading supplier of ATE Systems for power supplies under the brand name 'Intepro Systems Limited'.

Acquired by the Intepro Group in 1991, this is now Schaffner's main site for the design and manufacture of PSU ATE for electronic power supplies.



Intepro extended the ATE test capability by acquiring Dublin based 'PowerTest' in 1992. As a result the ATE System division's product offering expanded to include high performance ATE systems for burn-in/ESS, product life testing and functional test at high currents, including the provision of custom designed loads and sources for test & measurement applications.

Intepro's experience in the design, build and integration of complex power supply test equipment brings significant benefits to the test process from design characterisation, through production test, environmental stress screening and repair. A range of preconfigured standard systems are also available and all configurations remain expandable and upgradable to adapt to future test needs.

Power Electronics ATE

The sophisticated, high-level test demands of power electronics ATE often require tailor made PSU test solutions which are superior in quality and highly reliable. Whatever the application Intepro can provide an integrated system specifically designed to meet your needs.

Remaining at the forefront of technology in power electronics ATE, Intepro Limited continue to supply sophisticated solutions for high speed power supply test. All Power Electronic test systems are built around open architecture hardware and software which permit complete flexibility, ensuring comprehensive PSU test coverage to telecommunications, aerospace, OEM power supply and related industries.

To make sure systems are compatible with the latest developments and innovations, Intepro continue to develop test automation by maximising the efficiency of product handling. Bringing significant gains to test throughput, such examples include Machine vision and dual-well fixturing. Machine vision combines high resolution CCD cameras with advanced pattern recognition software. Robotic handling systems cut handling time to a minimum while dual-well fixturing minimises handling time - allowing one power supply unit to be tested while the other is loaded/offloaded.



Test Solutions

ESS / Burn-in and Product Life Testing

Intepro's environmental stress screening (ESS)/Burn-in solution facilitates test of AC/DC and DC/DC converters, where high power bulk loading is required. Ideal for burn-in and characterisation applications within Telecommunication and Aerospace sectors, Intepro's 'Green Loads' offer a revolutionary recycling technique where 85% of the power drawn from the mains is recycled. This significantly reduces large energy bills associated with testing using conventional system loads.



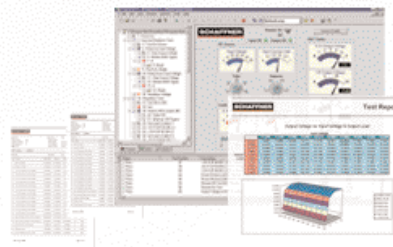
Performance, reliability and flexibility are inherent characteristics across all three standard product families. ELU60, ELU120 and ELU500 formats are available to cover a wide range of voltage, current and power combinations. A powerful software interface allows paralleling load channels or LoadSaver systems together to increase the overall power levels.

The LoadSaver product range is both compact and versatile, modular system architecture means systems are fully upgradable. Furthermore, the need for fixed high current cabling is eliminated, leaving the customer with a mobile system ready for use via a simple plug-in mechanism.

Software

Intepro's ongoing commitment to technological advances in PSU ATE hardware and software brings the latest industry innovations to your test process.

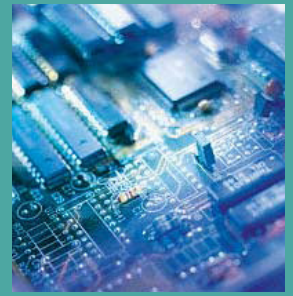
The flexibility of the PowerStar 5 environment means that you can control every aspect of your power supply test from the same software platform, allowing complete portability of test routines. Critical factors such as speed of test, increased throughput and minimisation of system down time also enhance efficiency of the test procedure.



Programs constructed in the design phase for characterisation can be used as the basis for functional production testing and then can be adapted for ESS and re-used in repair. This saves hours of skilled programming throughout the life of the product.

Support

On-the-ground technical support is provided by our local sales and engineering teams in each regional center of excellence. The services on offer through Intepro's global network include benchmark testing, specification development, installation and commissioning, technical support warranties, maintenance contracts, software support, application development, system integration and project management.



Intepro Ltd. specialise in Power Electronics ATE Hardware and Software Development.

Software Features

- Family testing
- Dedicated test library
- SQL compatible
- TCP/IP support
- Integrated VBA
- Comprehensive flow control

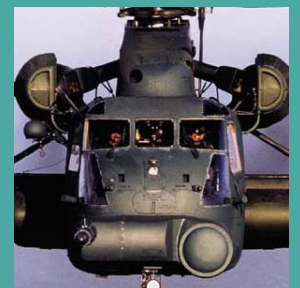


ATE Markets

- Aerospace,
- Telecommunications
- PSU Manufacturers

Test Applications

- High-speed production
- Burn-in/ESS
- Product life cycle test
- Design characterisation
- Repair



Intepro test solutions for ATE Power Electronics Test



ATE Burn-in/ESS



EMC Test Instrumentation



ATE PSU Test

Our services do not end with the installation and commissioning of your Intepro test system. All systems are sold complete with full system training, after-sales and life-time technical support.

Wherever you are in the world, as a Intepro customer, you can be confident of the highest quality products, complemented by skilled consultancy and support, today, tomorrow and into the future.



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