

## ARTICLES

### Portable Break Out Box PTE-100 from Seica

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Salem, NH - Seica SpA presents the new portable Break Out Box PTE-100, designed for 1st level functional test with outstanding stimuli/measurement capabilities unique in its genre.



Based on Seica's standard VIP architecture, including the DSP ACL module, the PTE-100 combines the features of different instruments like voltage generator, current generator, waveform generator, voltmeter, amperometer, frequency meter and oscilloscope, with the typical features of an automatic test system. It is also equipped with a mid-range power relay matrix (500V @2A) with switching and interrupt functions of up to 256 input/output channels.

The PTE-100 is ideal for diagnosing and identifying in field faults in the electronic systems aboard helicopters, trains, planes and systems made up of electronic modules interconnected through cables equipped with break out connectors. The PTE-100 is connected between two modules to monitor the activity present on the interconnect cable, and can execute stimuli/measurement operations as well as simply connect/interrupt every single wire of the cable itself, to facilitate the diagnosis of the problem by an expert user.

The numerous integrated hardware functions and its fully "general purpose" architecture, make the PTE-100 perfect for replacing the many different break out boxes dedicated to specific applications, dramatically decreasing the weight and volume of the equipment which the maintenance technician must carry in order to do his job in the field: the user of the PTE-100 has a powerful set of instruments contained in a truly portable box that easily fits into a common trolley-type case, ensuring both protection and transportability.

Thanks to the innovative Seica "Quick Test" software, which provides a completely graphical, extremely easy to use interface, the PTE-100 can be used in the same manual mode typical of a lab instrument, or in an automatic, "ATE" mode, executing previously stored test sequences, thus providing the user with the maximum flexibility.

Seica  
[www.seica.com](http://www.seica.com)

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