



ELSPEC Ltd.

Line of Business

Power Quality Analysis
Systems
Power Quality Solutions

Established

1988

Leading Executives

Mr. Yoram Harari
President

Mr. Ephraim Kadec
VP Marketing & Sales

Since 1988 Elspec has developed, manufactured and marketed proven power quality solutions far exceeding our clients' needs and expectations. Our innovations simplify the understanding of the quality of power itself. Elspec's international team of professionals with extensive experience in electrical engineering, are ready to provide you with a tailor-made strategy that will enable a sustainable and efficient use of your electrical energy.

Global Presence

Elspec's implemented applications span the industrial, commercial & utility sectors including:

Industrial: Automotive, Plastic Injection, Harbor Cranes, etc.

Commercial: Recreational, Office Buildings, Data & Medical Centers, Generators, etc.

Utility: Wind Energy, Water & Waste Water, Utilities & Power Generators.

Main Customers: Ford, GM, P&G, BMW, Donghee, Pirelli, Chrysler, Siemens, GE, Coca Cola, FedEx, LG.



**BLACKBOX
G4K**
The Perfect Permanent Solution



G4500/G3500
The Perfect Portable Solution



POSCADA
Powerful PQ Analysis Software



EQUALIZER
Real-Time Transient-Free Power
Factor Correction System



EQUALIZER ST
Real-Time Dynamic
Motor Startup Solution



ACTIVAR
Fast Transient-Free
Power Factor Correction

Blackbox

G4000 Power Quality Analysis Series

The innovative design of the G4K BLACKBOX device series is a technological breakthrough that provides the perfect Power Quality Analysis solution. Its built-in capabilities are uniquely adaptable to address the individual needs and requirements for almost any business and or application.

- **Continuous Waveform Recordings:** Records and stores all electrical information, all the time for more than a year - Voltage @ 1,024 samples per cycle and Current @ 256 samples per cycle.
- **Superior Accuracy:** The measurement method used surpasses IEC 61000-4-30 Class A requirements, with a dual-range gain of 2 x 16 Bit to yield.
- **Quick, Simple and Easy to Use:** Set-up is threshold-free. Understand the quality of power itself with software utilities that are simple and easy to use... anytime, anywhere.

Elspec Power Quality Solution Series

Equalizer

- Electronic Switching: 5-20 Milliseconds @ 50 Hz
- Transient-Free Switching
- Voltage Support
- Harmonic Filtration
- Flicker & Current Spike Reduction

Equalizer ST

- Centralized Motor Startup Compensation (instead of individual)
- Limits the Voltage Drop of the Motor Startup to Local Standards (Medium & Low Voltage)
- Transient-Free Switching

Activar

- Fast Compensation (1 second typical, 3-4 seconds maximum)
- Low-Cost Alternative Replacement for Electro-Mechanical Power Factor Solutions
- Unlimited Number of Transient-Free Operations
- Transient-Free Switching



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