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## Test & Measurement

- sales
- rentals
- calibration
- repair
- disposal

## Complimentary Reference Material

This PDF has been made available as a complimentary service for you to assist in evaluating this model for your testing requirements.

TMG offers a wide range of test equipment solutions, from renting short to long term, buying refurbished and purchasing new. Financing options, such as Financial Rental, and Leasing are also available on application.

TMG will assist if you are unsure whether this model will suit your requirements.

Call TMG if you need to organise repair and/or calibrate your unit.

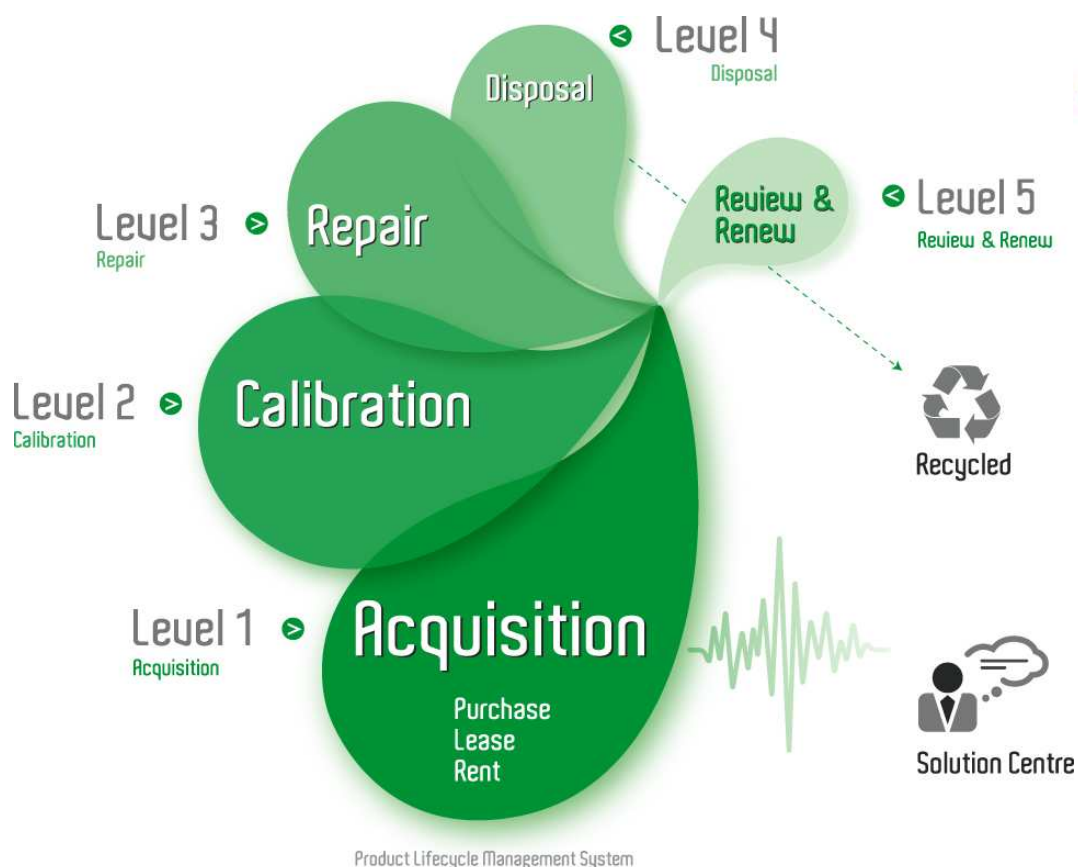
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# ECOUPLER 4

## Three-Phase Coupling / Decoupling Network for ECOMPACT 4

■ **The new ECOUPLER 4** combines the best of all worlds: **Performance, flexibility, economy** and the famous Haefely quality and reliability.

The ECOUPLER 4 is an **ultra-compact** coupling and decoupling network for burst and surge coupling onto three-phase power lines.

ECOUPLER 4 can be controlled manually from its front panel or automatically from the PC, using the EMV-Check software enclosed with the ECOMPACT 4.

The ECOUPLER 4 is very simple to use, and therefore even first time of infrequent users may operate the unit quickly and easily.

The ECOUPLER 4 conforms to the recent editions of the relevant IEC and EN basic standards for surge and burst testing.



### ■ Features

- ✓ **Two** different test impulses
- ✓ **Combination wave** 1.2/50us - 8/20us up to 4.2kV
- ✓ **Burst** 5/50ns up to 4.2kV

### ■ Benefits

**Multi-purpose** - Two basic immunity tests combined in a single economical package for maximum flexibility.

**Quick and Simple** - One touch operation and simple automation of test routines streamlines the test procedure.

**Test Reporting** - Included Windows software automatically documents test parameters and results.

### ■ Application

Full compliance and Pre-Compliance testing to a wide variety of transient immunity standards:

- ✓ IEC 61000-4-4 Edition 1 & Edition 2
- ✓ IEC 61000-4-5 Edition 1 & Edition 2

### ■ Technical Specifications

Control Power	100/115/230V 50/60Hz, 50VA
EUT Mains voltage	max. 440V rms phase to phase, 250V DC
EUT Current per phase	16A continuous 25A short time
Dimensions (W x H x D)	48 x 18 x 44 cm
Weight	approx. 27kg

Coupling Capacitors	5 x 33nF
Burst	
Coupling modes	Single path testing Common mode testing
Coupling elements for Surge	18uF differential mode 9uF + 10 Ohm common mode
Coupling modes for Surge	all combinations as required by IEC 61000-4-5
Decoupling inductors	1.5mH

### ■ Ordering Information

ECOUPLER 4 Art. No. 249101

Including user manual and all cables required

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