

# CON-LAB Conducted Immunity Lab Software

## Product Overview

**Ease of Use** TDK RF Solutions Conducted Immunity Lab software is available with our Conducted Immunity Lab System and is specifically designed to simplify complex conducted immunity and bulk current injection (BCI) tests. TDK Conducted Immunity Lab software is preconfigured to run automated conducted immunity tests according to standards applicable to your products. The familiar graphical interface makes it easy to use without sacrificing flexibility or performance.

**Performance** TDK Conducted Immunity Lab allows you to test your product for immunity to conducted disturbances on its power, signal, or control lines, or test to determine your product's immunity to the complex waveforms of induced bulk cable current.

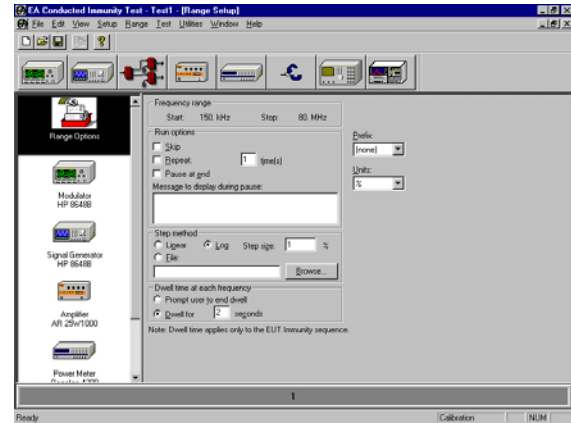
**Flexibility** You can create an uncomplicated automated system for others that practically runs itself, or you can interact with the test process every step of the way.

## Features

- Compatible with many popular test instruments
- Stores test data for future retrieval and analysis
- Controls test process via IEEE 488

## Minimum System Requirements

- Microsoft Windows 2000 or XP Pro
- 256 MB of RAM
- National Instruments GPIB interface card



**TDK RF Solutions Conducted Immunity Lab Software combines a powerful set of testing tools with an easy to use interface to reduce the complexity associated with immunity testing.**

## Applications

- Specifically designed to meet regulatory requirements for testing in automotive, military, commercial, and telecommunications applications

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## Software Setup Features

### Parameter Setup Features

- Frequency range selection
- Data parameter selection for each test sequence

### Range Setup Features

- Option to split frequency range into sub-ranges
- Independent selection of test instruments for each range
- Linear, logarithmic, or file-based frequency stepping
- Manual or user-defined dwell time

### Leveling Setup Features

- Level on feedback current or voltage
- Level on forward or net power
- Set user-defined signal generator levels

### Graph Features

- Ability to display multiple graphs
- Ability to plot any data parameter
- Single or dual Y-axis display
- Data value display boxes
- Zoom
- Color-coded data markers
- Linear or logarithmic axes
- Automatic scaling
- Data-tracking crosshair

### Data Table Features

- User-selectable numerical precision
- Drag-and-drop data columns
- Color-coded data markers
- Automatic data sorting
- "Find" option to locate data

## Ordering Information

Product: TDK Conducted Immunity Software  
 Model Number: CON-LAB

**To place an order or to learn more about the TDK RF Solutions products that best meet your needs, contact your TDK sales representative:**

### TDK RF Solutions Inc.

1101 Cypress Creek Rd.  
 Cedar Park, Texas 78613 USA  
 Phone: 1-512-258-9478  
 Fax: 1-512-258-0740  
 E-mail: info@tdkrf.com  
 World Wide Web: www.tdkrfsolutions.com

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