FADOS7F1

DELTEST
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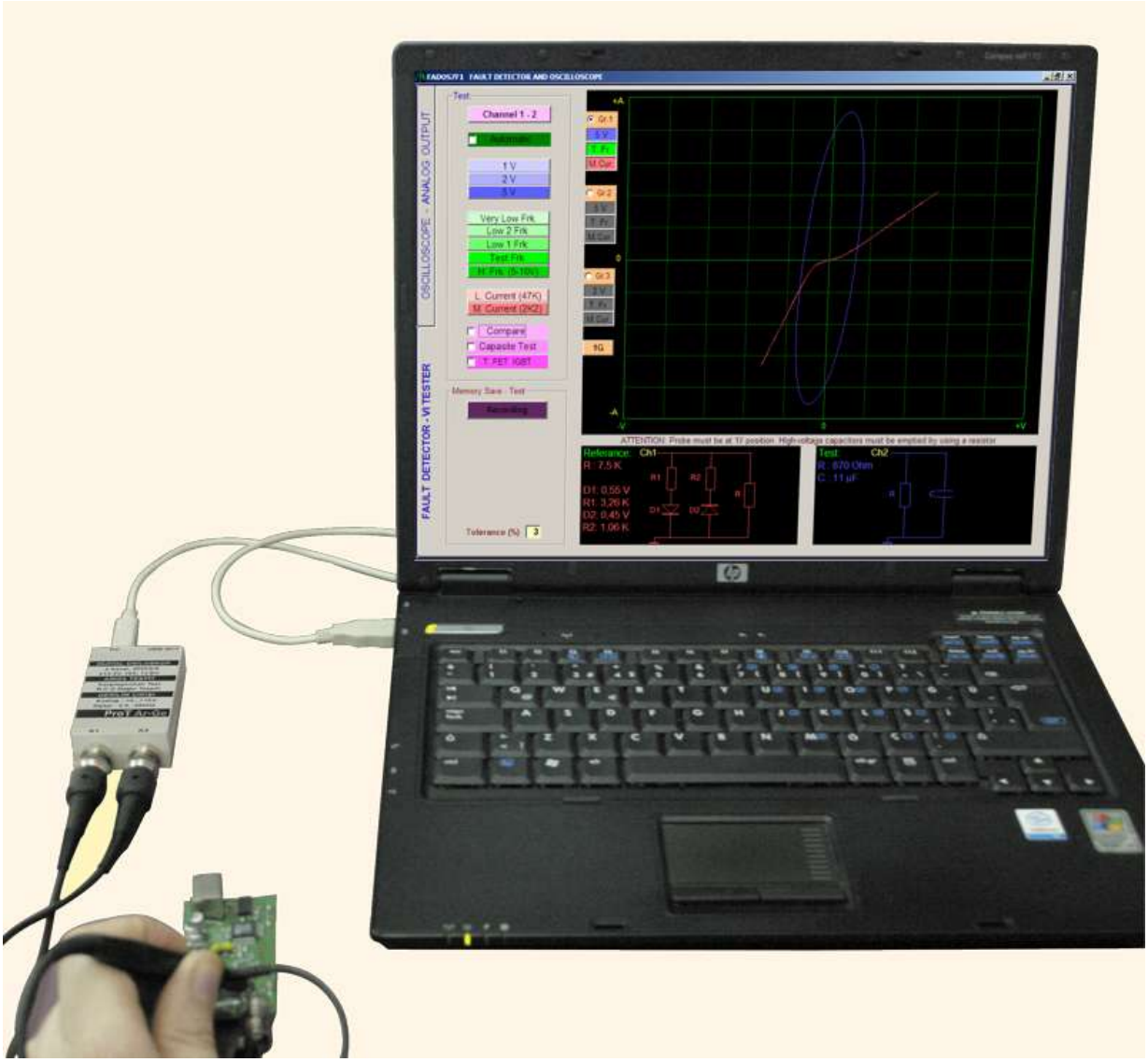
FADOS7F1 FAULT DETECTOR & PC OSCILLOSCOPE

7 FEATURES IN 1 DEVICE



1. Double-channel Fault Detection (VI Graph)
Comparing solid and faulty card without giving energy

2. Fault Detection by Comparison from Memory
By recording solid card to memory, comparing faulty card from memory

3. Equivalent Circuit Diagram *** This features are unique**
Composing R, C, or Diode Circuit Diagram according to the point touched

4. Measuring of Resistor, Capacitor, and Diode *** This features are unique**
Feature of measuring the value of touched point

5. Double-channel Digital PC Oscilloscope
As occasion may require, device can be used as oscilloscope

6. 0.2... 25KHz Square Wave Signal Output
Ch.1 is used as oscilloscope and Ch.2 is used as signal generator

7. Analogue Voltage Output (2,5 mV Sensitivity)
Ch.1 is used as oscilloscope and Ch.2 gives analog voltage output

A- TECHNICAL FEATURES:

FAULT DETECTION FEATURE:

General Features	: Double channel voltage-current (VI) Tester
Test Output Voltage	: ±1V, ±2V, ±5V, ±10V
Output Resistance	: Low current: 47K, middle: 2K2, high: 550 Ohm
Visual properties	: Resistance, capacitance and diode validations. The equivalent circuit diagram of the test point.
Fault Detection	: Detecting difference at % base or visually.
Automatic Circuit Test	: Pre-recorded circuit features in memory can be controlled one by one; manually or automatically.

PC OSCILLOSCOPE FEATURE:

Sampling Rate	: 400K Sample / S
Input voltage	: Probe1X: ± 5 V, Probe 10X: ± 50V
Channel	: a- Double Channel Oscilloscope b- Ch.1 Oscilloscope, Ch.2 Analog or digital output
ADC	: 12 Bit
Sensitivity	: 2.5 mV
Image rate	: 0.02 mS / Div ... .100 mS / Div
Instant Memory	: 64 Kbytes
Data display	: Manual, Automatic
Other Specifications	: Displays the highest and the lowest voltage and frequency instantly. While at memory, indicates the voltage at the point where the cursor is.

ANALOG OUTPUT FEATURE:

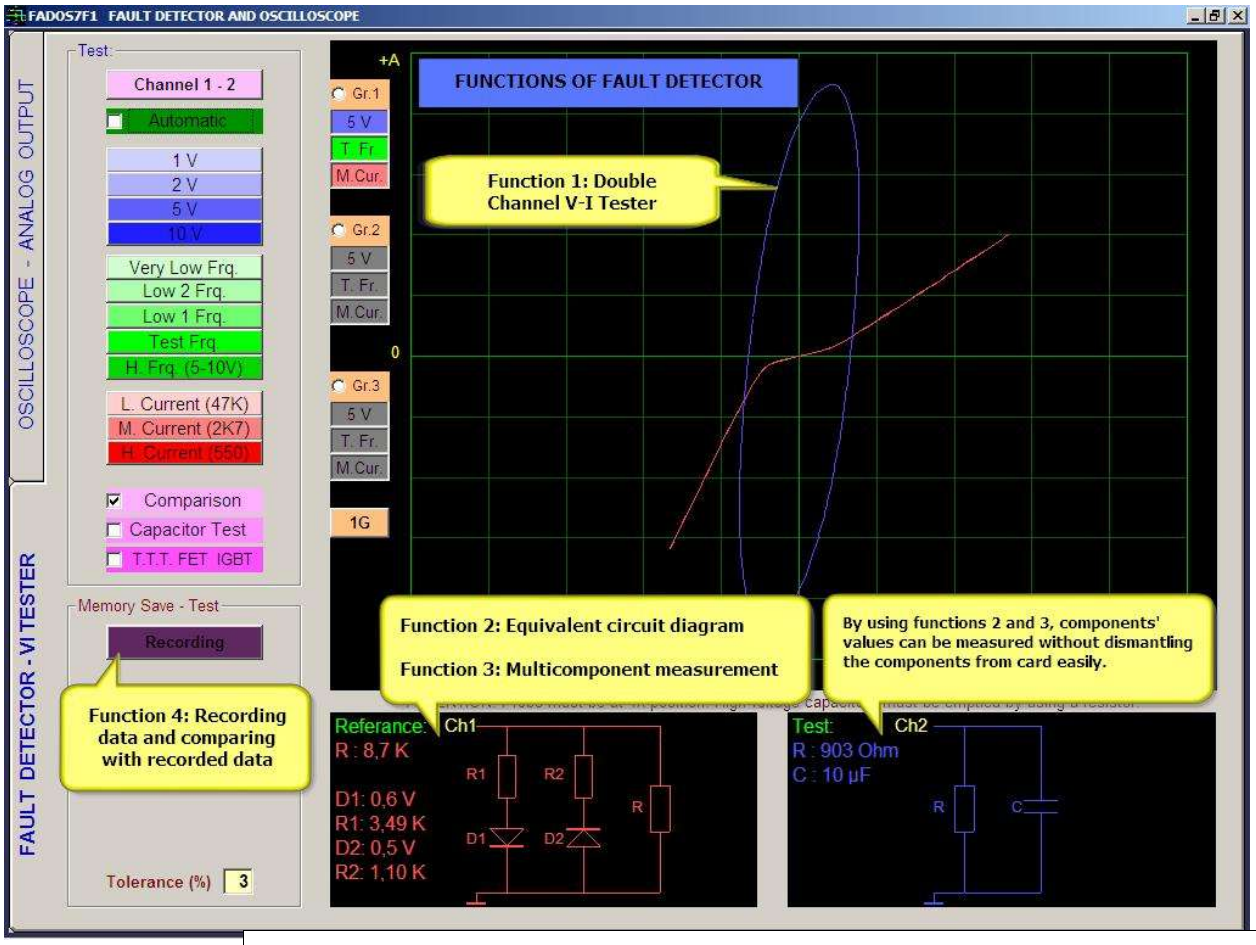
Output	: Channel 2
Output Voltage	:-5 V .... +5 V
Sensitivity	: 2.5mV
Output resistance	: 550 Ohm

DIGITAL OUTPUT FEATURE:

Output	: Channel 2
Output Voltage	: -5 V .... + 5 V
Frequency	: From 200Hz to 25KHz

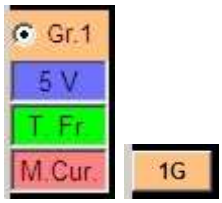
OPERATING SYSTEMS : Windows 2000, XP, Vista, Win 7
COMPUTERS : 32 Bit or 64 Bit

B- TEST - PROGRAMMING FEATURES OF FAULT DETECTION PART



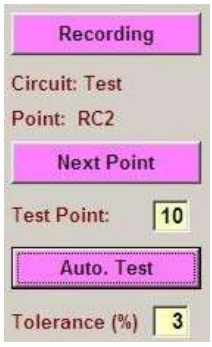
Channel: Used to select channel.

Auto: When Auto is selected, according to feature of touched point, the most appropriate values of voltage, frequency, and current steps are determined.



Grf: For 3 different steps, 3 different graphs are generated and fast passage is possible at any time.

1G, 2G, 3G: 1, 2 or 3 graphs at different adjustments can be screened simultaneously.



Recording: Opens file form and records; or opens recorded file.

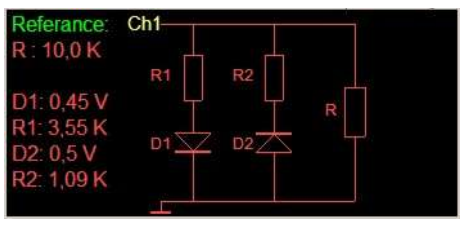
Circuit: Indicates name or code of point to be tested. Folder name in the system.

Point: Name or code of test point. Recorded as file name in the system.

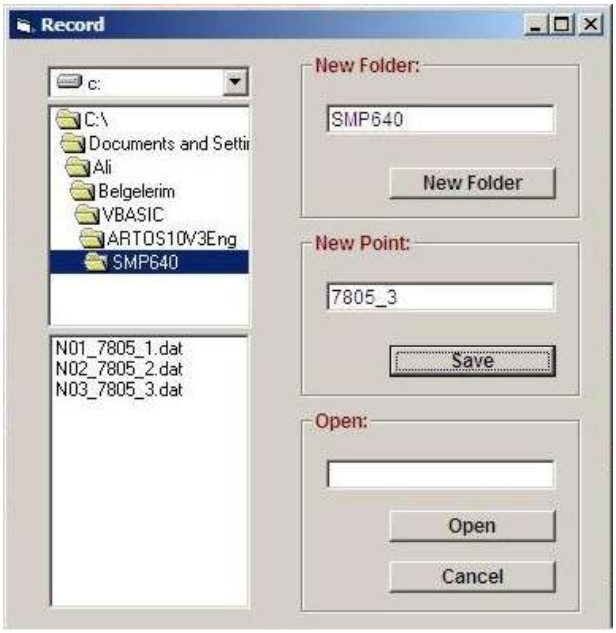
Next Point: Goes to next test point.

Test Point: Serial number of test point.

Auto Test: If tolerance of test point is lower than or equal to tolerance mentioned below, it goes to next test point automatically.



Reference: Channel1 indicates solid circuit, Channel2 indicates faulty circuit or circuit to be tested. When saved at memory, Reference=Channel1 is saved. Values of circuits composed of resistance, capacitor, and diode are displayed; and circuit diagram is displayed.



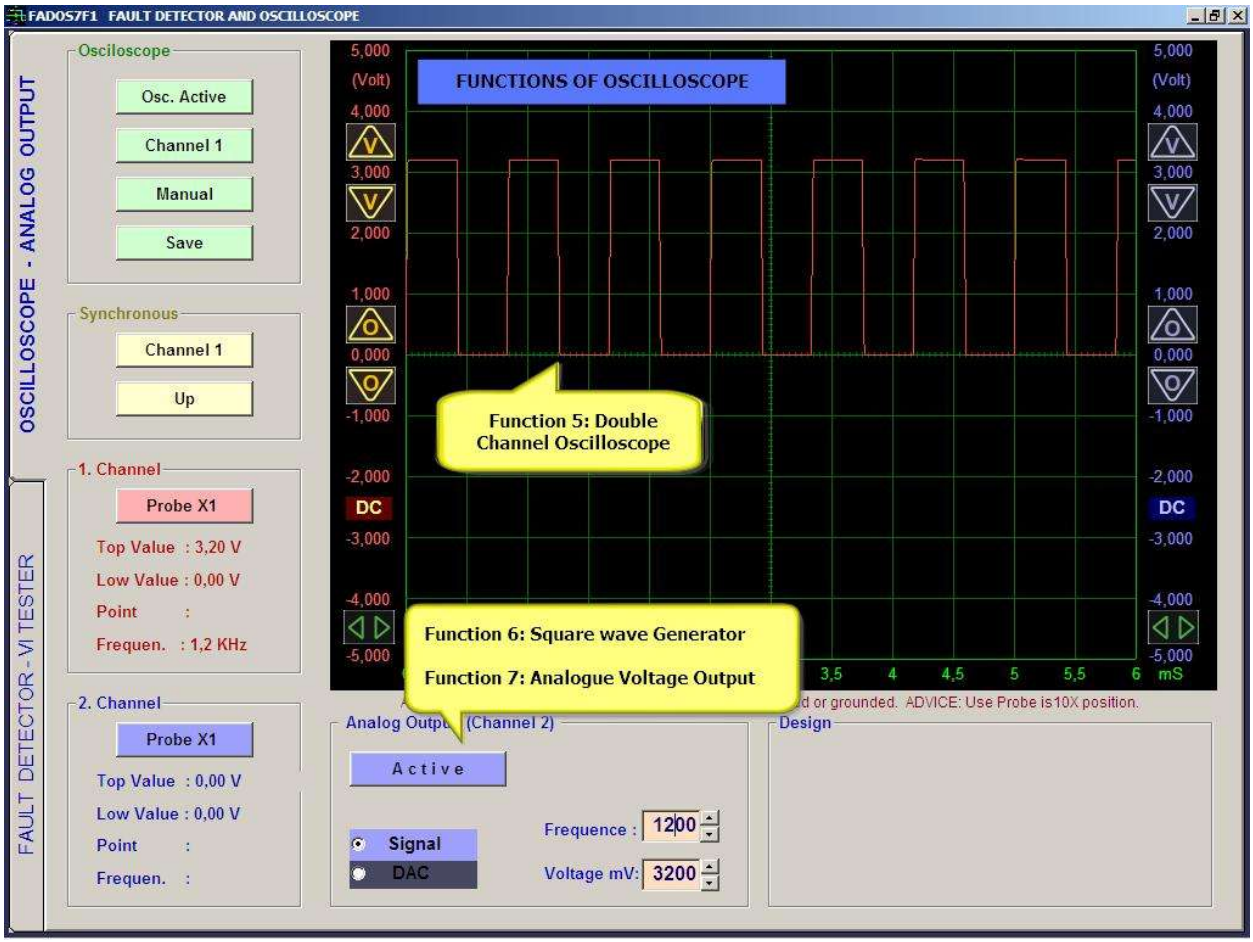
New Folder: Opens a folder by using the name given to a new circuit.

Save: Saves the value of test point with mentioned name to the determined folder. If name is not given, saves with serial number.

Open: Opens data clicked on the list to Channel1.

Usage Areas: Starting with power, different points of all types of electronic cards are recorded; later, a sensitive comparison can be applied on faulty card.

C- OSCILLOSCOPE - PROGRAMMING FEATURES:

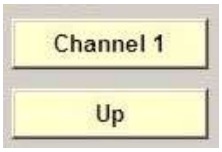


Osc. Active/Passive: Activates oscilloscope or shows latest screen display.

Channel: Selects channel. Channel1, Channel2 and both channels are selected in an order.

Manual/Auto: When automatic, catches the latest signal if the signal is off.

Save: Saves oscilloscope data or opens recorded data.



Channel: Channel is selected for synchronous.

Up/Down: Starts synchronous at increasing or decreasing signal.

ProbeX1: Adjusts voltage value according to X1 or X10 coefficient probe.

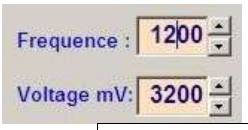
Top or Low: Highest or lowest value on screen.

Point: Displays voltage value of cursor at vertical line while at memory position.

Frequency: Displays frequency if perceive incoming signal.

Active/Passive: If active, then gives square wave or analogue output from Channel2.

Signal / DAC: Square wave or analogue output is selected.



Frequency: Output frequency.

Voltage: Voltage of square wave or analogue output.

Voltage Adjustment: (Voltage/Division) Adjusts screen sensitivity of voltage. Data received from device is 12 Bit, 2.5mV sensitive.

Zero Adjustment: Moves position of '0V' point up or down. Numbers indicate voltage values. If numbers are double-clicked, '0V' reference of that channel starts from clicked point.

Displayed Part: If 'Osc. Passive', then adjusts starting point of displayed part of whole memory.

Time Adjustment: Time/Division.