54622A portable Oscilloscope (MegaZoom):

2 ch, 100 MHz; max 200 Msa/s, max 2 MB/ch
HiDef display, flexible Trig; autoMeas, 2K FFT
floppy disk, GPIB, IntuiLink

Interpreting the Display

Waveform (press Acquire hardkey)

Waveform (press Display hardkey)
Quick Print to Floppy disk

Example: Frequency Measurement (... and print oscilloscope scale Factors)
- Freq
- Counter (built in 5 digit reciprocal counter)
- Math (FFT)
82357A USB/GPIB Interface (and IO Libraries):

Because the 82357A is a standard Plug and Play device, your computer automatically detects it and configures the interface.

Typical System Installation - 82357 USB/GPIB Interface

Accept DEFAULT settings !!

Note: VISA = Virtual Instrumentation Software Architecture
      SICL = Std Instrument Control Library

After the 82357A is successfully installed and configured, the interface should act as a transparent interface for programming GPIB instruments.
**IntuiLink connectivity software:**

PC application **Toolbar** (Excel, Word)
Data and images

IntuiLink (BenchLink XL) Scope Toolbar: use **Tools | Add-Ins** menu

‘About …’

‘Save/Load Scope Settings’

‘Get waveform data’

‘Get screen image’:

![Graph](image)

‘Get single Measurement (All Functions)’:

- Volts Average (1) = 1.00 V
- Volts RMS (1) = 1.35 V
- Volts Peak-to-Peak (1) = 2.05 V
- Volts Max (1) = 2.03 V
- Volts Min (1) = -19.00 mV
- Rise Time (1) = 94.00 us
- Fall Time (1) = 94.00 us
- Pos Pulse Width (1) = 502.00 us
- Neg Pulse Width (1) = 498.00 us
- Period (1) = 1.00 ms
- Frequency (1) = 1.00 kHz
- Duty Cycle (1) = 50.20 %

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**további info-k:**

www.hit.bme.hu/people/papay/edu/Lab/Tools.htm