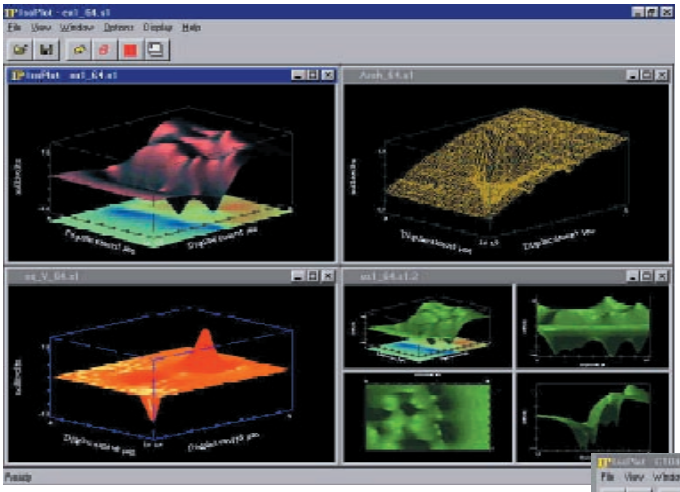
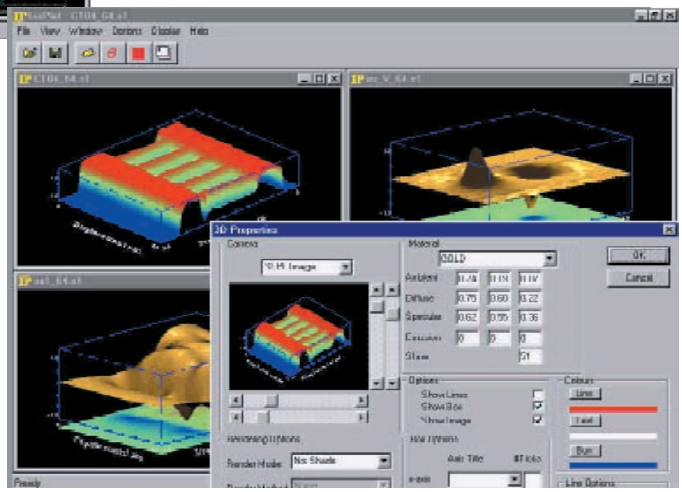
Princeton Applied Research

SRET Accessories



ISOPLOT
3D Shaded Surface Rendering Software

- 3D Images of Data Matrices in Excess of 200,000 Points
- 32-bit Windows MDI Application
- Depth Shading
- Wire Frame Plots
- User Controlled Viewing and Light Angles, Light Color and Material Characteristics
- Split Screen Views



ISOPLOT produces 3D plots in the form of shaded surfaces. The data is shaded according to the projected light reflecting from the surface. The Z axis may also be amplitude color shaded in a user-defined color palette.

Data is read into ISOPLOT from data files (*.S1, *.BMP, *.RAW, etc.). The data is automatically presented in the user's default view. This view can then be manipulated to show the desired features of the data. Several data files may be viewed simultaneously using Windows® MDI (Multiple Document Interface). The 3D views obtained can be exported to other applications using standard cut and paste functions.

Minimum System Requirements
- 100 MHz Pentium
- Windows 95
- 32 MB RAM
- 800 x 600 x 64,000 Color Video Resolution

SRET Accessories

Environmental Tri-Cell

- Perform Experiments Under Controlled Atmosphere or Continuous Liquid Flow via Gas/Liquid Purge Ports
- Reduced Electrolyte Volumes/External Level Adjustment
- Use with SP100, SVP100, or SKP100 SRET Systems
- Provides Easy Sample and Probe Changing
- Accommodates a Wide Range of Sample Sizes (sheet coupons and 32 mm diameter metallurgical samples)

The Environmental Tri-Cell Systems is desgned for use with Models SP100, SVP100, and SKP100. Its flexible configurations allow the user to change samples without moving the scanning head.

The system can be used for controlled atmosphere or flow experiments due to its four inlet/outlet purge ports and optional rubber gaiter sealed cover further enhancing its value to the SRET user.

The possible parts necessary to configure the Tri-Cell include:

ECTB336	Triangular perspex base plate 316 mm side length
ECLA50M6	Base plate level adjusters, 33 mm extension range (3 required)
ECGT155D60H	Glass Cell, 143 x 60 mm, with gas/purge ports; O-ring seal
ECTC155	Cell clamp for use with ECGT155D60H and ECTB336 (3 required)
ECSH32	Sample holder for 32 mm diameter metallurgical samples
ECSG155	Flexible cell sealing gaiter for ECGT155D60H and standard probe
ECPD155	PTFE sealing disk for ECGT155D60H base to allow organic electrolytes
ECREC155D60H	Reference electrode clamp/holder
ECAEC155D60H	Auxiliary electrode clamp/holder
ECAL100C75E	Adjustable legs for SP/SVP100 scanning head over cell (4 required)

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