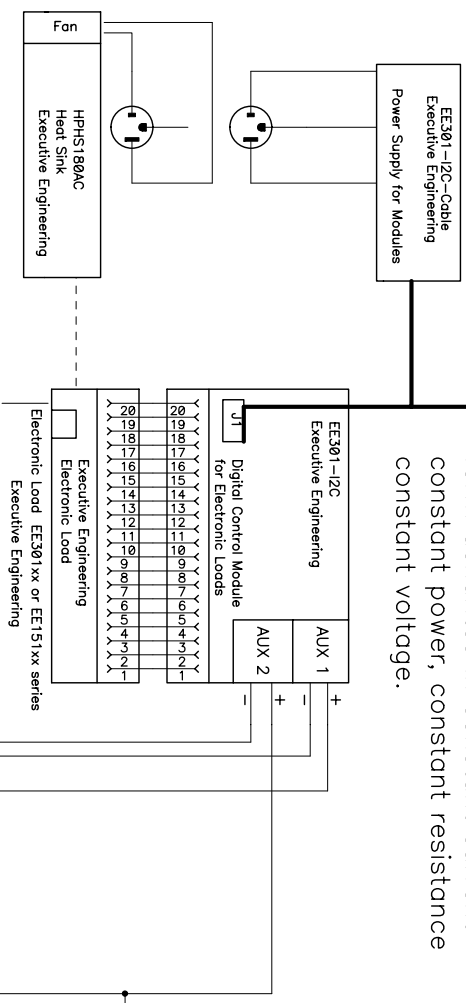


To PC Parallel Port

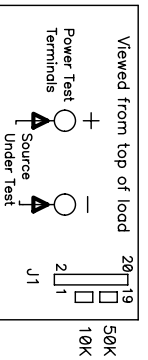
Customer PC

EES-100 Software



Connector shown from top view. Pins shown as seen on electronic load.

Note J1 - Pin 2 and the (-) source under test are connected, never have current flowing through this path. All control signals should be connected to J1-pin 2. Only the source under test should be connected to the power test terminal (+) and (-).



Whats Required!

EES-100 (Software) Windows only 98 / 2000 / XP

EE301-12C (Digital Module)

EE301-12C-CABLE (power & data cable)

EE301xx or EE151xx (Electronic Load)

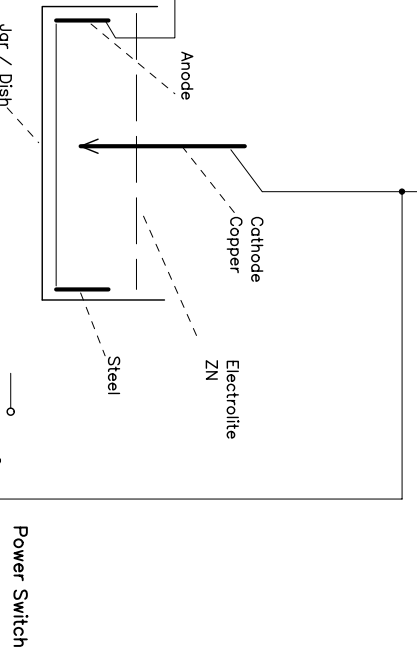
Optional Heat Sink (If Required) Any power dissipation above 20 watts we suggest using a high power heat sink!

Customer Supplied Equipment!

DC Power Supply

Theory of operation.

As the voltage across the cathode will start to increase and the voltage across the electronic load will decrease. The cathode will form dendrites in fractal patterns.



GNDANALOG Use this ground for all measurements

Http://www.EXEC-ENG.com

Dendrites Fractal Growth Testing System			
Title	Growth Testing System		
Size	Number	X011-00002-0007	Rev
B			1
Date	Drawn by	of	1
Filename	Facticalis-Dendrites.SCH	Sheet	1