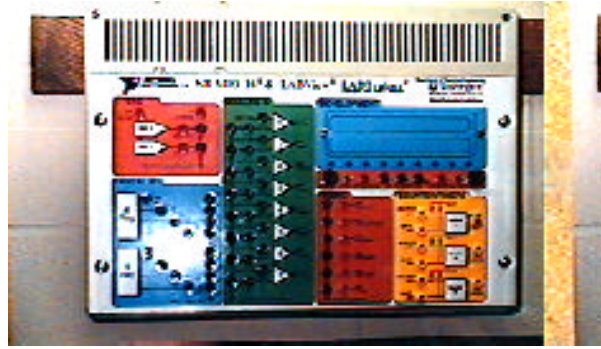


LabTrainer© Copyright Paul L. Discher was designed and constructed to improve the teaching of computer based data acquisition systems.



LabTrainer© is a passive interconnecting system that combines the conceptual symbolic operational diagram of a complex analog/digital computer based data acquisition system with functional banana plug-in connectors. This system replaced awkward and non-conceptual screw terminal based terminal blocks.

The manufacturer of the original system boards and software, National Instruments, reviewed the LabTrainer© in consideration of it's possible acquisition of the rights for manufacture and sale. No agreement was reached with the Engineering School's Research Office, and therefore the copyrights were returned to Paul Discher as the school made no further attempts to market the idea. Eight (8) LabTrainer© units were completed and are used by students in the Advanced Laboratory for classroom assignments as well as senior design projects. LabTrainer© remains copyrighted by Paul L. Discher.