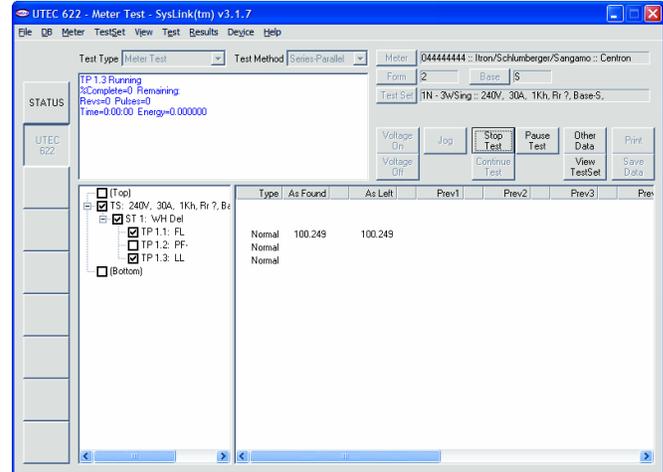




**One Database.
One Interface.
One Solution.**



OVERVIEW

SysLink is a universal control and meter shop data management system that is designed to be used with UTEC's complete line of calibrators, test boards, CT/PT testers and comparators. Get a complete snapshot of any service's test history with a few simple clicks of a mouse.

SysLink goes way beyond a simple meter serial number and test results. Not only is this basic information captured, but a complete profile of the meter under test can be entered for a complete inventory record. In addition, SysLink also separately tracks information on AMR devices, Pulse Initiators, Modems, and Reference Standards.

SysLink's intuitive approach and on the fly editors make it easy to create records, maintain data, and manage test setups. SysLink's flexibility combined with the versatility of UTEC's test equipment allows you to take control of your testing program and test meters and installations the way you want them tested. No longer will you be forced to compromise your testing procedures just to conform to the limits of your testing equipment or existing data collection procedures. By allowing you to configure virtually all aspects of the meter systems tests, SysLink can easily accommodate even the most unique testing jobs.

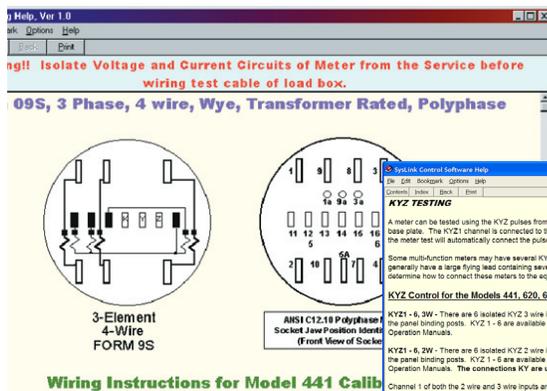
SysLink is used to control both shop and field testing equipment making training of shop personnel easier. The one universal platform helps enable those who use SysLink to do their jobs more quickly and accurately.

SysLink is supplied with our Report Generator software tool. This powerful reporting tool provides printed reports as well as creates electronic files for updating billing mainframes with meter data based on your selection criteria.

Throughout the entire program, help is just a click away. Selecting the help button will instantly provide the operator detailed software help as well as information on the hardware being utilized for the test. Schematic diagrams and wiring details are also provided on the meter being tested.

SysLink is an evolutionary software product where functionality and user friendliness are always being evaluated. With this commitment, you can be assured

that all of your testing and data collection needs will be met today and into the future.



SysLink Control Software Help

KYZ TESTING

A meter can be tested using the KYZ pulses from the pulse initiator. Meters with one pulse initiator output are generally connected through the meter base plate. The KYZ1 channel is connected to the 25 pin sub-D connector, the panel binding post and the test socket. Selecting KYZ as the control for the meter test will automatically connect the pulse initiator outputs to the test boards counting circuits.

Some multi-function meters may have several KYZ outputs each representing different energy measurements of the meter. These kinds of meters generally have a large fong base containing several conductors. Refer to the operation manual for the meter and the programming specification to determine how to connect these meters to the equipment.

KYZ Control for the Models 441, 620, 621 and 622.

KYZ1 - 6, 3W - There are 6 isolated KYZ 3 wire inputs available. Choose which input is being used for the test. KYZ1 connects to the test socket and the panel binding posts. KYZ 1 - 6 are available on the 25 pin sub-D connector located on the front panel. Pin connections are available in the Operation Manuals.

KYZ2 - 6, 2W - There are 6 isolated KYZ 2 wire inputs available. Choose which input is being used for the test. KYZ2 connects to the test socket and the panel binding posts. KYZ 2 - 6 are available on the 25 pin sub-D connector located on the front panel. Pin connections are available in the Operation Manuals. The connections KY are used for a 2 wire connection.

Channel 1 of both the 2 wire and 3 wire inputs are also wired directly to the test connector and binding post on the front panel. For meters that have KYZ connections made through the base plate terminals, the KYZ connections are automatically made when KYZ is selected as the method of control.

The connections to the 25 pin Sub-D connector are given below. UTEC can supply ready made cables for connecting most meters to this plug. Call UTEC sales at 800-445-8832 for more information.

Pin 1 - Y1	Pin 9 - 22	Pin 11 - NC	Pin 19 - 24	Pin 21 - K6
Pin 2 - K1	Pin 7 - Y3	Pin 12 - Y 0a	Pin 17 - Y5	Pin 22 - 20
Pin 3 - 21	Pin 8 - 25	Pin 13 - 0a	Pin 18 - K5	Pin 23 - NC
Pin 4 - Y2	Pin 5 - 23	Pin 14 - Y4	Pin 19 - 28	Pin 24 - NC
Pin 5 - K2	Pin 10 - NC	Pin 15 - K4	Pin 20 - Y6	Pin 25 - K 0a

KYZ Control for the Model RFL5800 and UTECS800

KYZ1 - 5, 3W - There are 5 isolated KYZ 3 wire inputs available. Choose which input is being used for the test. KYZ1 connects to the test socket and the panel binding posts. KYZ 1 - 5 are available on the 15 pin sub-D connector located on the front panel. Pin connections are available in the Operation Manuals.

KYZ2 - 5, 2W - There are 5 isolated KYZ 2 wire inputs available. Choose which input is being used for the test. KYZ2 connects to the test socket and the panel binding posts. KYZ 2 - 5 are available on the 15 pin sub-D connector located on the front panel. Pin connections are available in the Operation Manuals.

Technical Specifications

Multi-Unit Operation

SysLink is designed to operate up to 8 units from a single computer at one time. Each unit requires an individual available communications port.

Models supported by SysLink:

Model 620 Meter Calibrator

Model 621 Meter Calibrator

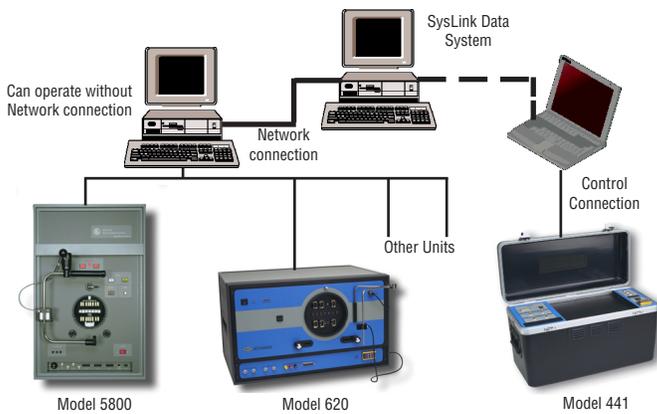
Model 622 Meter Calibrator

Model 5800 Meter Calibrator

Model 441 Field Meter Calibrator

Model 505 CT/PT Analyzer – Coming Soon

Model 712 Comparator – Coming Soon



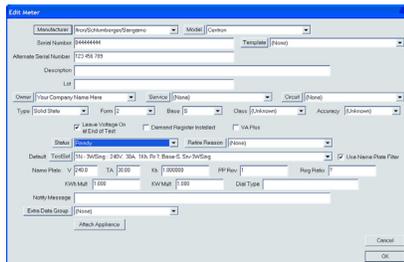
User Security

A utility is provided to set up user security based on user login information. Security settings are not limited to levels, but give you total flexibility to decide who has access to what data within your organization. Each user can be set-up how you decide.

Types of Records

Meter Records

SysLink records a complete record of the meter itself including manufacturer, model, owner, nameplate values, test sets, status, retire reasons as well as any appliances that may be installed in the meter (see appliance below). Over 200 predefined test sets are provided with SysLink.



Appliance Records

SysLink allows you to define appliances, or other items that may be installed in a meter that have their own distinct serial numbers such as AMR devices, Modems, Pulse Initiators, etc. Manufacturers, models, owners and status codes can be assigned to these items and are independent of the meter information. In addition, the meter serial number can be assigned to the appliance to establish the relationship between the appliance and the meter.

Reference Standard Records

Enter in all of your shop standards, including standards that may be utilized in test boards or portable loads with their associated calibration data. The calibration data can then be utilized as offsets against test results if required. The standard manufacturer, model, owner, calibration rotation date and status can all be recorded into the database.

User Defined Fields

SysLink allows for an unlimited use of user defined fields. This unique feature can be organized to present the operator with these fields with every meter test, or can be configured to appear only when certain data criteria is met with the meter record. Set user fields up based on manufacturer, model, form or any other parameter you wish. In addition, user defined fields can be set up with a predefined drop down list of choices for the operator, set to force the operator to enter data, and/or have assigned default values.

Data Specifications

Centralized Data System

The SysLink database can be installed in two basic formats. The most effective setup is to centralize the database on a network server. All test devices that have connection rights to the network server have access to the data from one source. This type of installation ensures testing consistency throughout your shop and provides just one place to manage your shop testing procedures.

SysLink can also be installed as a standalone database or be local to the workstation operating a testing device.

Database Type

Open architecture relational database

Manual Data Conversion

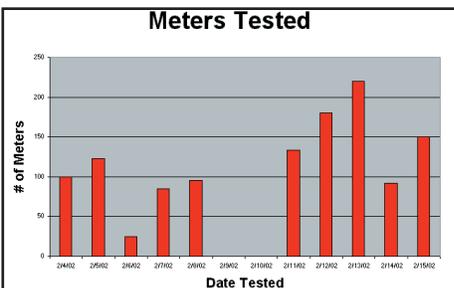
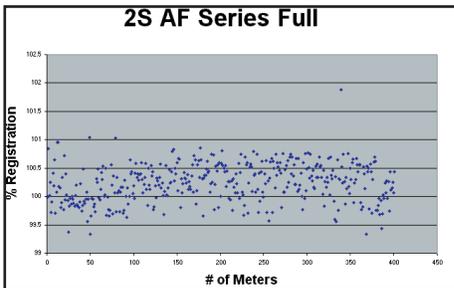
SysLink provides tools to convert the old meter cards to electronic meter records. A user can manually type old test records and data into the SysLink database.

Data Import

Because of SysLink's open architecture design, existing meter records can be imported into SysLink. This is most effectively accomplished with an IT professional. A utility is currently being developed to make this function easier to perform.

Graphing

Multiple graph formats are available to the user on any data criteria. Graphing can be easily accomplished by exporting the desired data to Excel.



Minimum Computer Specifications

SysLink is designed to run on an IBM™ compatible computer in a 32 bit Windows™ environment. Minimum requirements are as follows

- PC with a Pentium III or equal class processor
- 500MB of free hard disk space
- 128MB RAM
- One 1.44MB high density 3.5 inch floppy drive
- One 24X CD ROM
- Two free RS-232 serial communications port
- One Mouse and mouse port
- One parallel port
- Keyboard
- Windows™ - 32 Bit

If additional units (up to 7 per computer) will operate from a single computer, please contact the factory for minimum computer requirements.

For additional information, request the SysLink demo CD.