

Process Measurement and Control Tools

For over 20 years A.I.S. has been supplying process measurement and control solutions to industry through-out the world. From custom instruments and probes to off the shelf products, we offer solutions not just products. Our staff of engineers stands ready to help you. This brochure has a small sample of our total capabilities. If you don't see what you need, visit our web site at www.AdvIndSys.com . We would also welcome your calls, e-mail or fax.



CALogix Hybrid Logic and Process Control is a unique new product that integrates logic and process control. Easy to use set-up combines with advanced PID loop control to provide a fast and flexible small machine and



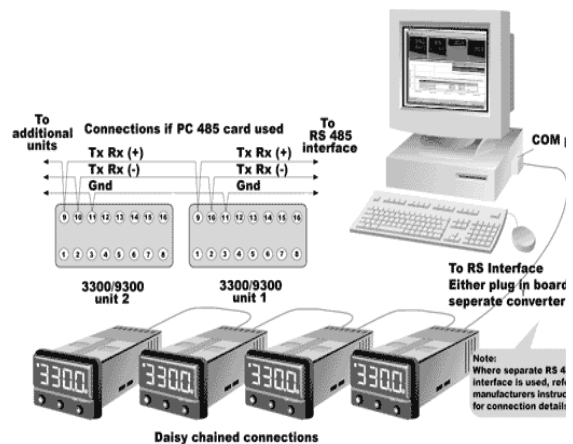
system controller. The **CALopix Operator Interfaces** provide an updated and powerful look for small machines. CALogix makes multi-loop set-up and control a snap, saving money and time in product development as well. No complex ladder logic, just simple windows based development software.

Take a look at CALogix before you start your next control project. CALogix just may be the solution. Touch screens and color also available.



When you need a full **PID Auto-Tuning Temperature Controller**, take a look at the **CAL** family of controllers. From our compact 1/32 DIN CAL 3300 to the 9500 ramp and soak controller all CAL controllers use the same straightforward programming techniques. Fast 100 mSec cycle time keeps up with the most demanding heat loads. SSD, 4- 20 and relay outputs available.

CALGrafix links your controllers with spreadsheets or HMI. Integrated data acquisition graphical software uses industry standard RS-485 Modbus RTU protocol.



Advanced Industrial Systems, Inc.



Precision Turbine Flowmeters provide measurement of air, steam and liquid flow. Flowmeter electronics provide pulse output, 4-20, and linearized flow. Our line of Electronics provides conversion to standard flow units (SCFM) for air and steam.

Temperature, Current & Voltage Calibrators



Martel calibrators provide calibrators ranging from laboratory to plant floor. Our calibrators

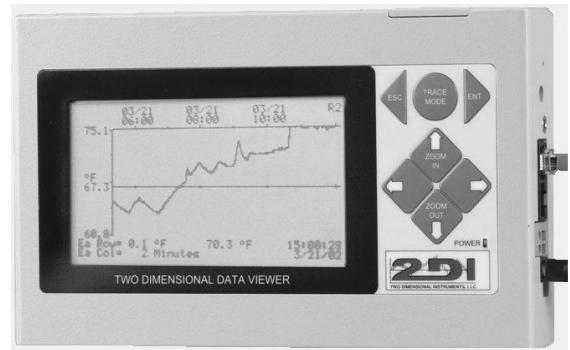
provide Pressure, TC, mA and RTD capability. Other process variables are also available. Calibrators are also available in convenient handheld units.

If you need **Plant Floor Measurement** think A.I.S.. Handheld meters are available to measure RH, TC's, RTD's, current, voltage, mA, resistance, etc. Ranging from precision to plant floor accuracy, A.I.S. can provide you with solutions to your measurement needs at a price that you can afford. Thermometers, RTD's current probes,

are also available from A.I.S.

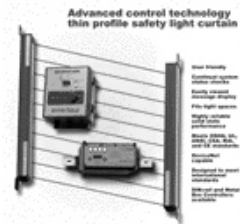


Pressure Calibration Cells are available in many ranges and styles. Handheld instruments are also available.



The 2 Dimensional Instruments **Thermaviewer** is a breakthrough in process monitoring. The Thermaviewer takes samples and displays up to a month's worth of data to the operator. Uses Type K TC's. \$ 650 – – two channels. RS-232 output. Software included.

Safety Light Curtains, Mats, Palm Buttons are important safety products available from Pinnacle Systems and A.I.S. We have a wide range of safety products.



Other Products available from A.I.S.:

Panel Meters



OEM Panel Displays



SS Relays



Loop power Supplies



Heaters


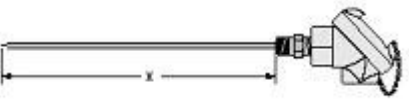


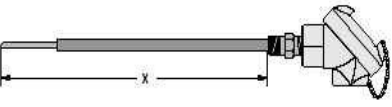




Power Measurement



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TC's - Other Styles and Types available. TC plugs, jacks and accessories are also available

	<p>TC with head. Up to 12" long. Types J, K, T. Grounded Junction. Ungrounded available (\$ Add 2.00) \$ 75.00</p>
 <p style="text-align: center;">Tip Detail</p> 	<p>Quick Response TC with head. Up to 12" long. Types J, K, T (See Tip Detail. Grounded junction only available) \$ 116.00</p>
	<p>Ruggedized TC with head up to 12" Long Types J, K, T. Grounded Junction. Ungrounded available (\$ Add 2.00) \$ 105.00</p>
	<p>Quick response Ruggedized TC with head up to 12" Long Types J, K, T. \$ 156.00</p>
	<p>General Purpose TC (12" L, with 10' lead shown) and Mini-plug. Types J, K, T. Grounded Junction. Ungrounded available (\$ Add 2.00) \$ 39.00</p>
	<p>Long TC's for Mixing and blending (30" length shown - other lengths available). Ungrounded available (\$ Add 2.00) Type J, K, T \$ 60.00</p>
<p>Other TC Types</p> <p>Thermistors & RTD's</p>	<p>All TC types are available. Please send us your requirements. Teflon coating also available.</p> <p>Most of the above available with Thermistors or RTD's.</p>

TC Wire - Other styles and types available

P/N	Type	Ga	Shielded	Desc	Price
J20KK	J	20	-	Type J TC Wire 20 Ga Kapton w/Kapton Jacket	62¢ /ft
J20TT	J	20	-	Type J TC Wire Teflon/Teflon	27.9¢ /ft
JX20PAP	JX	20	YES	Type J TC Extension Wire PVC/PVC Twisted & Shielded	21¢ /ft
JX20PP	JX	20	-	Type J Extension Wire PVC/PVC	14.7¢ /ft
JX20TT	JX	20	-	Type J Extension Wire Teflon/Teflon	27.9¢ /ft
KX20PAP	KX	20	YES	Type K PVC/PVC Shielded TC Extension Wire	29¢ /ft
KX20PP	KX	20	-	Type K PVC/PVC 20 Ga Extension Wire	14.7¢ /ft
SX20SGGS	SX	20	SS OB	Type S Glass/ Glass w/SS Overbraid TC Wire 20 Ga	54.4¢ /ft
TT20TT	TT	20	-	Type T Special Limits Teflon/Teflon	29¢ /ft
T24PFPF	T	24	-	Type T TC Teflon/Teflon Wire	27.2¢ /ft
TT24P	TT	24	-	Type T Special Limits PVC Ripcord	21¢ /ft
TT24PFPF	TT	24	-	Type T Special Limits Teflon/Teflon	29¢ /ft
TX20PAP	TX	20	YES	Type T TC Extension PVC/PVC Shielded	31¢ /ft
TX20PFPF	TX	20	-	Type T Extension Teflon/Teflon Insulated Duplex-Par.	29.4¢ /ft
TX20PP	TX	20	-	Type T PVC/PVC Extension Wire	14.7¢ /ft
Note 1:	Double letters (TT) refer to special limits of error. Triple Limits (TTT) available in some types.				
Note 2:	X letters refer to TC extension wire. TC extension wire has a limited temperature range (usually 0-200 deg C)				
Note 3:	Above prices apply to 500' or more. A.I.S. maintains stock in many wire types. Call for shorter lengths.				

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Products and Services

Acculex	Martel	RTD Calibrators
AccuTherm	Medical	Solid State Relays
BEC	Meters - OEM	Sponsler Precision Flow
Beta Calibrators	Meters - Power, Current, Voltage	TC's
Cal Controls	Modutec	Temperature Calibrators
Calibrators	Monitor Systems	Temperature Controllers
Central Data	Newport	Temperature Indicators
Crompton	Pinnacle Systems	Temperature Switches
Current Transformers	PLC's - OEM	ThermaViewer
Custom Instruments	PLC's - See also CALogix	Thermistors
Digital Panel Meters	Power Supplies	Thermocouple Calibrators
Doric Instruments	Pressure Calibrators	Thermocouples
Dry Flow and Level	Pressure Switches	Transmitters
Encoder	Pressure Transducers & Transmitters	Turck
Entertron	Printers	Wattmeters/Transducers
Flowmeters	Probes - Custom	Wavetek
Gauges	Process Controllers	Whitman Controls
Heaters	Proximity Sensors	WIKA
Light Curtains	Pyromation	Wire - TC
Logic Controllers	ReoTemp	YSI
	RTD's	

Custom Instruments



Don't see what you need? Call about our custom instruments and configurations.



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