

WEISS INSTRUMENTS

FOODSERVICE DEALER CATALOG



Since 1882 the Weiss Instruments name has been synonymous with Quality, Reliability and Innovation with HVAC and Food Service OEMs. Weiss Instruments is “the name behind the brand”. Now that same quality and innovation is available to Food Service Dealers.

The market is changing, and Food Safety and Energy Savings are the top concerns for operators. Our XWEB Monitoring and Control Systems offer an easy to use way to tackle both of these important issues. Our Digital Data Logger combines HACCP logging with Temperature and Door Alarms with an easy to use USB Download to a .TXT software free system.

Our industry leading XWA, Walk-in Alarm and Light Manager has become the preferred alarm system for Consultants and OEMs.

For affordable Remote Monitoring and Control Systems the XWEB System’s value is its modular nature. You can start small with monitoring only and expand to include control of lights, HVAC and walk-in or reach-in refrigeration. This system is ideal for Institutional Food Service, C-Stores, Supermarkets, and Restaurants big and small. HACCP and Energy Savings is the key to this system.

Our experience with Food Service OEMs offers practical solutions to manage Food Safety and Energy Savings.

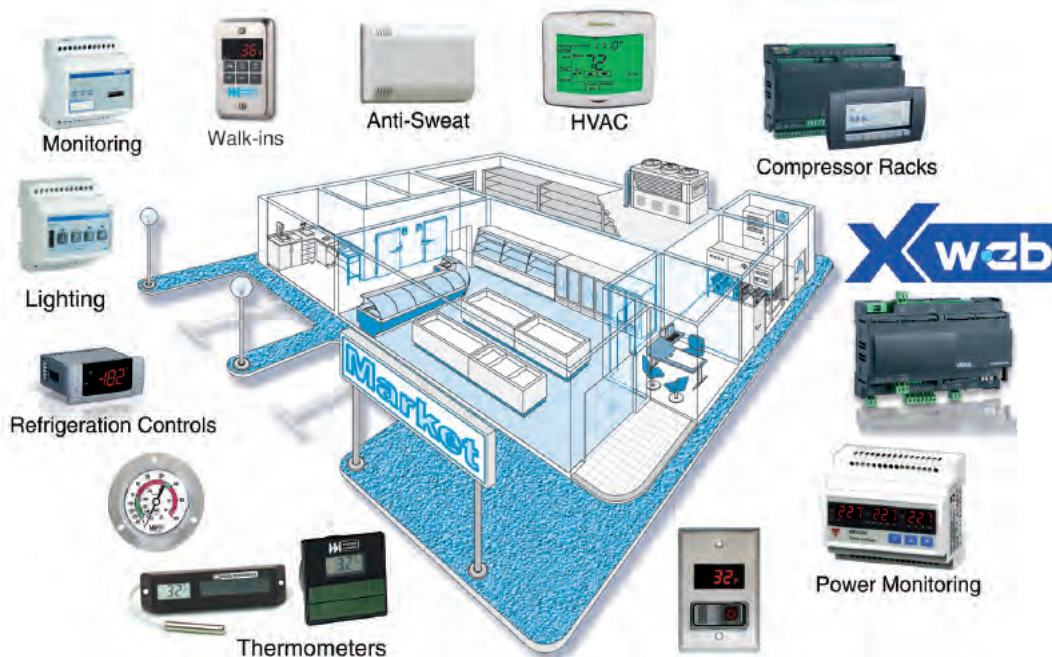
WEISS PRODUCT LINE

- Professional HACCP Monitoring
- Dixell Controls
- Communicating HVAC Thermostats
- Lighting Controls
- Energy Monitoring
- OEM Replacement Thermometers
- Product Thermometers

APPLICATIONS FOR FOOD SAFETY & ENERGY SAVING:

- Schools
- Food Warehouses
- Institutional Food Service
- C-Stores
- Hotel Kitchens
- Food Process
- Restaurants
- Supermarkets

Old World Craftsmanship . . . NEW WORLD TECHNOLOGY
Celebrating 127 Years • 1882 – 2009



INFRA-RED THERMOMETER

CAT NO.	DESCRIPTION	IDN
IR921	Non-Contact -58/752°F&C	60206



IR921

THERMOCOUPLE THERMOMETERS WITH PRODUCT, AIR AND GRILL PROBES

CAT NO.	DESCRIPTION	IDN
DTM-2000	LCD Product Thermometer -83/1999°F/C	61200
PROBES	TYPE K - Thermocouple Range -148/752°F	
HG	Griddle Surface Probe (2 ft. coiled ext. 5 ft.)	61201
HA	Air Probe (2 ft. coiled ext. 5 ft.)	61202
HI	Insertion Probe (2 ft. coiled ext. 5 ft.)	61203
KB	Bead Probe 8 ft.(no coil)	61265



DTM-2000

DIGITAL THERMO-ANEMOMETERS - AIR FLOW & TEMPERATURE

CAT NO.	DESCRIPTION	IDN
CFM-01	Thermo-Anemometer	61405



CFM-01



56SD



25SD



20SD-FS

SOLAR POWERED DIGITAL THERMOMETERS - SERIES SD (LCD 5ft. Sensor length- 6 / CTN) NSF Listed

CAT NO.	DESCRIPTION	IDN
20SD-FS	2" Front Flange	60100
20SD-BS	2" Back Flange	60110
20SD-HL	2" Hanging Bracket	60160
25SD-160	1"x 4" Horizontal	60170
56SD-160	56mm Front flange	60120
72SD-F-160	72mm Front Flange	60140
72SD-U-160	72mm U-Clamp	60150

LED 120V DIGITAL THERMOMETERS - SERIES DT (LED 5ft. Sensor length - 6 / CTN) NSF Listed

CAT NO.	DESCRIPTION	IDN
20DT-F	2" Front Flange	60520
20DT-U	2" U-Clamp	60530
24DT-O	Back Mount	60570



20DT-F

CONTROLLER AND ALARM KIT - WITH 5ft. PROBES

CAT NO.	DESCRIPTION	IDN
DWCX30	Med.Temp.Controller- off cycle Defrost/Alarm (1) 5 ft. Probe	71289
DWCX70	Low Temp. Controller-Defrost & Fan/ (2) 5ft.Probes	71288



DWCX30



24DT-S





24DT-L

DIGITAL THERMOMETERS WITH SWITCH PLATE - FOR WALK-INS


CAT NO.	DESCRIPTION	IDN
24DT-S	LED Digital Thermometer/Switch Plate	60550
24DT-L	LED Digital Thermometer/Light Switch	60560




MONITORING GATEWAYS / INTERNET BASED

			IDN
	XWEB300D-6 WEB SERVER for monitoring and controlling Din Rail MONITORING AND CONTROLLING WEB SERVER 6 ADDRESSES	110Vac	63110
	XWEB300D-18 WEB SERVER for monitoring and controlling Din Rail MONITORING AND CONTROLLING WEB SERVER 18 ADDRESSES	110Vac	63120
	XWEB500D-36 WEB SERVER for monitoring and controlling Din Rail MONITORING AND CONTROLLING WEB SERVER 36 ADDRESSES	110Vac	63130
	XWEB500D-100 WEB SERVER for monitoring and controlling Din Rail MONITORING AND CONTROLLING WEB SERVER 100 ADDRESSES	110Vac	63140
	XWEBDINBOX1 wall mnt. enclosure will accommodate 1 XWEB		63145
	XWEBDINBOX2 wall mnt. enclosure will accommodate 1 XWEB + 3 XJP		63150


iCOOL[®] - RADIO - FREQUENCY WIRELESS COMMUNICATION MODULES

		IDN
	RF 900 Mhz. 1 Watt / indoor range 1500 ft. Outdoor 6 miles includes antennae iCool900-S Radio-frequency communication modules sender 120V PLUG	63160
	iCool900-R Radio-frequency communication modules receiver 120V PLUG	63170

PROBE I/O MONITORING MODULES


Hot Key - RS485 output - Remote display /keyboard output - 6 x serial address 4 DIN Rail				
Model	Digital inputs	Analog inputs	Power Supply	IDN
	XJP60D 3 x power supply voltage	6 x NTC/PTC	24Vac	63180
	XJP60D 3 x power supply voltage	6 x 4÷20mA/0÷10V	24Vac	63190

LIGHTING MODULE 4 ZONES

Hot Key - RS485 output - 4 Digital inputs/ 4 x8A output - 1 serial address 4 DIN Rail				
Model	Digital inputs	Digital Outputs	Power Supply	IDN
	XJR40D 4 x Digital Inputs	4 x 8A	120Vac	63200

XJBOX wall mnt. enclosure will accommodate 1-2 XJ din rail modules	63155
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POWER MONITOR

3 LED display Power/Watts/Amps / Volts /Kw/Hr (requires outboard CT's P.U.A) ModBus / RS-485				
Model	Phase	Relay outputs	Power Supply	IDN
	WM14 Single / Three to 660Vac	1 alarm	230Vac	63210


TEMPERATURE PROBES

	18NB-NTC-1.5M -40 / 230°F 5FT (Can be extended to 300FT using standard thermostat wire)	70168
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HUMIDITY PROBES

Accuracy: +/- 5%				
Model	Power Supply	Operating temperature	Range	IDN
	XH10P 9÷18Vdc - 19÷35Vdc	4÷20mA 0÷60°C	20÷95% R.H.	73010

PRESSURE TRANSDUCERS

Model	Description	Range	IDN
	PP11 2 wires transducer with 4÷20mA output	-0,5÷11bar	-7 psi to 160 psi 63220
	PP30 2 wires transducer with 4÷20mA output	0÷30bar	0 psi to 435 psi 63230

DIGITAL DATA LOGGER

Display: 3 digit + icons - Hot Key - Real time clock - Alarm relay SPDT Up to 4 NTC probe inputs, or 3 + 1 %RH Probe
15 minute interval = 1 year - USB Download to .TXT File

Kit Includes: (4) 8 Ft. NTC probes, 24V plug-in transformer, XJDL & keyboard mounted in XJ Box

Model	Probe inputs	Relay outputs	Digital input	Power Supply	IDN
XJDL40D Kit	4 x NTC	Alarm 8A	4 x configurable	110Vac	63005



WALK-IN ALARM & LIGHT MANAGER

Display: 3 digit + icons - Hot Key - 8A Alarm relay SPST – LIGHT RELAY X 15A - HIGH AND LOW ALARMS, DOOR ALARM

Kit Includes: XWA11V-4N0F0, 1 8Ft. NTC Probe, Magnetic Door Switch, Ext Buzzer, 9V Battery Harness wired in a wall mount box

Model	Probe inputs	Relay outputs	Digital input	Power Supply	IDN
XWA11V Kit	1 x NTC	Alarm 8A / LIGHT 15A	2 x configurable	110Vac	71283

Accessories

PAN	PANIC SWITCH / BACKLIGHT			110VAC	63010
iDIAL1	EMERGENCY PHONE DIALER FOR XWA11V with T92 RELAY			110VAC	63015
MGS	GAS LEAK DETECTOR (SPECIFY GAS)			24VAC	63020
H300	CURRENT TRANSFORMER SWITCH (DETECT DEF, ETC.)			SELF POWERED	63025
MDS	MAGNETIC DOOR SWITCH				63240
STR	RED STROBE LIGHT W/WALL MNT. 110V				63235



CONTROLLERS FOR MEDIUM TEMP - LOW TEMP

Display: 3 digit + icons - Hot Key - IP65 - Compressor safety - Keypad lock - defrost - TTL Serial Communicates to XWeb
Real time clock (opt), 32x74mm

Model	Probe inputs	Relay outputs	Digital input	Power Supply	IDN
XR30CX	2 x NTC/PTC	comp 16A, light 8A	1 x configurable	110, 230Vac	63040
MEDIUM TEMP +ALARM + BUZZER					
XR70CX	3 x NTC/PTC	comp 16A, def 8A, fans 5A		110, 230Vac	63050
LOW TEMP					
		light/alarm 8A	1 x configurable		



XJ485CX	TTL / RS485 Plug in to convert the communication to use with XWEB Systems				63060
115V-24V / 12V	Centertap transformer used for XJP60D & iStatPro				63016
HOT KEY	Download / Upload program settings				70200
RTC Option	Real Time Clock				
C-BOX for XRxxCX	Wall mt. Enclosure				70230



CONTROLLER FOR ANTI-SWEAT MANAGEMENT

Model	Probe inputs	Relay outputs	Digital input	Power Supply	IDN
XH50P	NTC 4-20mA	Alarm 8A 0 / 10V out	1 x configurable	24Vac	63080



1 STAGE DIGITAL CONTROLLERS FOR HEAT/COOL APPLICATIONS

Display: 3 1/2 digit with D.P. - Hot Key - IP65 - Keypad lock - Load safety - TTL Serial output, 32x74mm
Temperature/humidity/pressure

Model	Probe inputs	Relay outputs	Digital input	Power Supply	IDN
XT110C	NTC/PTC Pt100/TcK/TcJ/TcS	load 8A	1 x conf.	110, 230Vac	63090



HVAC THERMOSTAT *iStat/Pro*

LCD Display backlit - 2 stage heat / Cool, HeatPump, Manual or Programmable. Remote sensor option 24V, ModBus

Model	Probe inputs	Relay outputs	Digital input	Power Supply	IDN
iStat/Pro	1 - 4	5	1	24V	63100
RS01	Remote Sensor - up to 4 sensors				63110





20FB



20BB



20UB



20HL

NSF REMOTE DIAL VAPOR THERMOMETERS - FOR REACH-INS & WALK-INS

2" DIAL THERMOMETERS (48" Capillary - 6/ CTN) All NSF Listed. *=20 ft. **= 9 inches

CAT NO	DESCRIPTION	IDN
20FB-060	2" Front Flange 40/0/60°F	40110
20FB-960**	2" Front Flange 40/0/60°F	40115
20FB-260*	2" Front Flange 40/0/60°F	40120
20FB-110	2" Front Flange 40/0/110°F	40130
20FB-240	2" Front Flange 40/240°F	40140
20BB-060	2" Back Flange 40/0/60°F	40220
20BB-110	2" Back Flange 40/0/110°F	40230
20BB-240	2" Back Flange 40/240°F	40240
20UB-060	2" U-Clamp 40/0/60°F	40190
20UB-220	2" U-Clamp 100/220°F (Dish)	40210
20UB-240	2" U-Clamp 40/240°F	40200
20HL-060	2" Hanging 40/0/60°F	40170
20HL-240	2" Hanging 40/240°F	40180
20FL-240	2" F. Flange-Lower 40/240°F	40160

2 1/2" DIAL THERMOMETERS (48" Capillary - 6/ CTN) All NSF Listed

CAT NO.	DESCRIPTION	IDN
25FB-060	2-1/2" F. Flange 40/0/60°F	40250
25FB-110	2-1/2" F. Flange 40/0/110°F	40260
25FB-240	2-1/2" F. Flange 40/240°F	40270
25HL-060	2-1/2" Hanging 40/0/60°F	40280
25PB-060	2-1/2" No Flange 40/0/60°F	40290
25BB-110	2-1/2" Back Flange 40/0/110°F	40295



45RB

NSF REMOTE DIAL VAPOR THERMOMETERS - FOR WALK-INS

4 1/2" VAPOR DIAL THERMOMETERS (48" Capillary) All NSF Listed. *=20ft.

CAT NO.	DESCRIPTION	IDN
45RB-060	Front Flange 40/0/60°F	40310
45RB-260*	Front Flange 40/0/60°F 20ft.	40320
45RB-110	Front Flange 40/0/110°F	40330
45RB-240	Front Flange 40/240°F	40340
45BB-060	Back Flange 40/0/60°F	40350
45BB-260*	Back Flange 40/0/60°F 20ft.	40360
45BB-110	Back Flange 40/0/110°F	40370
45BB-240	Back Flange 40/240°F	40380



TL20

NSF DISHWASHER PRESSURE GAUGES

CAT NO.	IDN
2" DIAL 1/4" Back w/ U-Clamp	
TL20-100-4B-U 0/100 PSI	81114
2" DIAL 1/4" Lower	
TL20-060-4L 0/60 PSI	80103
2 1/2" DIAL 1/4" Lower Conn.	
TL25-060-4L 0/60 PSI	80132
2 1/2" DIAL 1/4" Lower Conn.	
TL25PRW 0/60 PSI Retard to 300PSI	80143



DP300



DP300A

DIGITAL TEST THERMOMETERS

GENERAL PURPOSE DIGITAL

CAT NO.	DESCRIPTION	IDN
DP300	Digital Pocket Test -40/300°F	39140
DP300A	Digital Pocket Test - Waterproof	39145



PT220



25HBM

POCKET TEST THERMOMETERS

CAT NO.	DESCRIPTION	IDN
PT60	1 1/2" Dial Pocket Test -40/60°F	30105
PT125	1" Dial Pocket Test 25/125°F	30110
PT180	1" Dial Pocket Test -40/180°F	30120
PT220	1" Dial Pocket Test 0/220°F	30130
134-125	1 3/4" Dial 25/125°F	30150
134-160	1 3/4" Dial 40/0/160°F	30160
134-220	1 3/4" Dial 0/220°F	30170
25HBM	2" Dial -20/80°F NSF	39130



HZ80

LIQUID-IN-GLASS THERMOMETERS

CAT NO.	DESCRIPTION	IDN
PLC120	Glass Pocket Test 30/0/120°F	39010
PLC220	Glass Pocket Test 0/220°F	39030
HB120	4" Hanging -40/120°F NSF	39110
HZ80	Horizontal -40/80°F	39120



HB-120



DR58

DRUM THERMOMETERS

CAT NO.	DESCRIPTION	IDN
DR58	Remote Mounting -40/60°F/C	42391



HT2096F

DIGITAL TEMPERATURE & HUMIDITY TESTERS

CAT NO.	DESCRIPTION	IDN
RHT-1	Temp & %RH 10%–95% RH	61300
HT2096F	°F Thermo/Hygrometer -40/122°F	39170
HT2096C	°C Thermo/Hygrometer -40/70°C	39175



RHT-1