

WGTC WEKSLER GLASS THERMOMETER CORP.

A MAINSTAY FOR THE WORLDWIDE HVAC
MARKET FOR OVER 75 YEARS



PRESSURE & TEMPERATURE INSTRUMENTATION



Availability

Service

EXPERIENCE THE DIFFERENCE

UTILITY GAUGES

Lower Mount

- Dial Sizes: 1 1/2", 2", 2 1/2", 3 1/2"
- Connect: 1/8" NPT on 1 1/2" or 1/4" NPT on 2", 2 1/2", 3 1/2"
- Black Steel Case, Lower Mount
- Copper Alloy Internals
- Plastic Lens Standard
- Accuracy: 3-2-3%



TL

Back Mount

- Connect: 1/8" NPT on 1 1/2" or 1/4" NPT on 2", 2 1/2"
- Black Steel Case, Center Back Mount
- Copper Alloy Internals
- Plastic Lens Standard
- Accuracy: 3-2-3%



TC

U-Clamp Mount

- Dial Sizes: 2 1/2"
- Connect: 1/4" NPT, 2 1/2"
- Chrome Plated, U-Clamp Panel Mount
- Copper Alloy Internals
- Plastic Lens Standard
- Accuracy: 3-2-3%



TH

Front Flange Mount

- Dial Sizes: 1 1/2", 2", 2 1/2"
- Connect: 1/8" NPT on 1 1/2" or 1/4" NPT on 2", 2 1/2"
- Chrome Plated, Front Flange Panel Mount
- Copper Alloy Internals
- Plastic Lens Standard
- Accuracy: 3-2-3%



TF

LOW PRESSURE GAUGES

Brass Capsule & Socket

- 2 1/2" Dial Size
- Brass Internals & Connection
- Brass Movement
- Chrome Case With Twist Lock Plastic Lens
- 1/4" NPT Bottom Connection
- Accuracy: 1.5% Full Scale



25KL

Brass Capsule & Socket

- 2 1/2" Dial Size
- Brass Internals
- Brass Movement
- Chrome Case with Twist Lock Plastic Lens
- 1/4" NPT Center Back Connection
- Accuracy: 1.5% Full Scale



25KC

Copper Alloy Capsule & Socket

- 4" Dial Size
- Copper Alloy Capsule & Socket
- Corrosion Resistant Stainless Steel Case and Bezel
- 1/4" NPT, Bottom Connection
- Heavy Duty Glass Lens
- Accuracy: 2-1-2% Per ASME B40.1 Grade 1A



40HL

316 SS Capsule & Socket

- 4" Dial Size
- 316 SS Capsule & Socket
- Corrosion Resistant Stainless Steel Case & Bezel
- 1/4" NPT or 1/2" NPT, Bottom Connection
- Heavy Duty Glass Lens
- Accuracy: 2-1-2% Per ASME B40.1 Grade A



40JL

PRESSURE GAUGE ACCESSORIES

Snubber Filter Type & Piston Type

- 1/4" NPT F X M
- 1/8" Thick Micro-Metallic Stainless Steel Filter
- Filters Available Water/Light Oil & Air
- Available in Brass or Stainless Steel



WG
WS

Gauge Cocks

- 1/4" NPT F X F, M X F
- Polished Brass
- Available in 125 PSI & 200 PSI
- Available With Lever or Tee Handles
- Heavy Duty Available With Hex Shoulders



A10
A10E

Ball Valves

- 1/4" NPT F X F or M X F
- Brass Body 700 PSI at 250°F
- One Piece



A14
A15

Siphons

- 1/4" or 1/2" M X M
- Sch. 40 or Sch. Steel, Brass, or Stainless Steel
- 180° Straight Pattern



A0

INDUSTRIAL THERMOMETERS

9" Scale Industrial

- Dial Sizes: 1 1/2", 2", 2 1/2", 3 1/2"
- Aluminum Case or ABS Plastic
- Glass Lens, ***Mercury Free - Plastic Lens Optional
- 3 1/2" or 6" Stem Length, 9" & 12" Available
- Single Scale F or C or Dual Scale F or C
- +/- 1% Accuracy



AS5

Solar Digital

- Dial Sizes: 1 1/2", 2", 2 1/2"
- High Impact ABS Plastic Case
- LCD Display, Black Character, 1/2" High with Grey Background
- 3 1/2" & 6" Stem Length
- 58° to 302°F (-50° to 150° C) Field Switchable Between F & C
- +/- 1% Accuracy



AAD

Air Duct Thermometer

- Adjustable Angle Swivel
- ABS Plastic or Aluminum Case
- Glass Lens Standard or Plastic Lens Optional
- 6", 9", & 12" Stems Available
- Single Scale F or C on Dual Scale F & C
- Includes Duct Mounting Flange
- +/- 1% Accuracy



AS6

BI-METAL THERMOMETERS

Adjustable Angle

- 3" or 5" Anti-Parallax Dial with Recalibration Feature
- SS Construction - Hermetically Sealed
- 1/2" NPT Standard, Stem Welded to Connection
- Glass Lens Standard Plastic Optional
- Vibration Resistant Design
- +/- 1% Accuracy with Fast Response
- Ranges up to 1000°F Available



3AA
5AA

Back Angle

- 3" or 5" Anti-Parallax Dial with Recalibration Feature
- SS Construction - Hermetically Sealed
- 1/2" NPT Standard, Stem Welded to Connection
- Glass Lens Standard Plastic Optional
- Vibration Resistant Design
- +/- 1% Accuracy with Fast Response
- Ranges up to 1000°F Available



BK

Bottom Outlet

- 3" or 5" Anti-Parallax Dial with Recalibration Feature
- SS Construction - Hermetically Sealed
- 1/2" NPT Standard, Stem Welded to Connection
- Glass Lens Standard Plastic Optional
- Vibration Resistant Design
- +/- 1% Accuracy with Fast Response
- Ranges up to 1000°F Available



BM

OTHER THERMOMETERS

Submarine Thermometers

- 5" Scale Size
- Bottom or Back Connection
- Dual Scale
- 2" & 4" Stem Lengths
- Grey ABS Plastic Case



141

Super Economy Thermometer

- 5" Scale
- Bottom or Back Connection
- Dual Scale
- 2" Stem Length
- Includes 1/2" NPT Brass 2" Thermowell



152
153

Adjustable Angle Vapor Actuated Dial

- 4 1/2" Dial Size
- Stainless Steel Case & Ring
- Acrylic Lens
- 1 Scale Division Accuracy
- Select Range in Single and Dual Scale
- Adjustable Pointer
- 2 1/4" and 4 1/4" Stems Available



VA

Remote Mounted Vapor Actuated Dial

- Glass Reinforced Phenolic or Stainless Steel Case
- Stainless Steel Snap Ring
- Glass Lens
- Adjustable Pointer
- 1 Scale Division Accuracy
- 5ft Bronze Braided Capillary Tubing Standard; Additional Tubing Lengths Available
- 2 1/4" and 4 1/4" Stems Available



VR

CONTRACTOR GAUGES

4 1/2" Lower Mount

- Corrosion Resistant Stainless Steel Case
- Bronze Tube, Brass Connection
- Single Scale (Dual Scale Available)
- Recalibration in Face of Gauge
- Dry Only
- +/- 1% Accuracy Per ASME B40.1 Grade 1A
- 1/4" Bottom Connection
- Available in Domestic and Imported



EA

4" Liquid Filled Lower Mount

- Corrosion Resistant Stainless Steel Case
- Brass Tube & Socket
- PSI, BAR, KPA
- Glycerin Filled for Vibrating Equipment
- +/- 1% Accuracy Per ASME B40.1, Grade 1A
- 1/4" Bottom Connection



401L4

4 1/2" Lower Mount

- Polypropylene Case
- Brass Tube & Socket
- Single Scale PSI, BAR, KPA (Dual Scale Available)
- Solid Front, Blowout Back
- Available Dry or Factory Liquid Filled
- Field Fillable
- +/- 1/2% Accuracy Per ASME B40.1 Grade 2A



HA14-4

PROCESS GAUGES

4 1/2" Safety Case Process Gauge

- Polypropylene Liquid Fillable Case
- 316 Stainless Steel Bourdon Tube & Socket
- Single Scale (Dual Scale Available)
- Solid Front, Blowout Back
- Polycarbonate Lens Standard (Safety Glass Option)
- SS Movement With Overload & Underload Stops
- 1/2% Full Scale Accuracy Per ASME B40.1 Grade 2A
- Ranges: Vacuum 20,000 PSI
- 1/2" NPT on 1/4" NPT Bottom or 1/4" Lower Back



45PL
45LL

4 1/2-12" Case Aluminum Back Flange

- Heavy Duty Stainless Steel Movement with Underload and Overload Stops
- Solid Front Aluminum Back Flanged Safety Case
- 1/2% Full Scale Accuracy Per ASME B40.1 Grade 2A
- Balanced Micrometer Adjustable Pointer
- 1/4" NPT Bottom Connection
- Glass Lens



HA14-P
HY14-P

4 1/2-6" Solid Front Stainless Steel Safety Case

- 316 Stainless Steel Bourdon Tube & Socket
- Heavy Duty Stainless Steel Movement with Underload and Overload Stops
- Solid Front, Stainless Steel Safety Case
- Available Dry or Factory Glycerin Filled
- Field Fillable
- 1/2% Full Scale Accuracy Per ASME B40.1 Grade 2A
- Balanced Micrometer Adjustable Pointer
- 1/2" NPT or 1/4" NPT Bottom Connections
- Laminated Safety Glass Lens



HA
HY

INDUSTRIAL GAUGES

4" Corrosion Resistant Stainless Steel Case

- 316 Stainless Steel Bourdon Tube & Socket
- Stainless Steel Movement
- Glycerin Filled
- Corrosion Resistant Stainless Steel Case and Ring
- 1% Full Scale Accuracy Per ASME B40.1 Grade 1A
- 1/4" or 1/2" NPT Bottom Connection or Lower Back Connection



404L
404C

2 1/2" Corrosion Resistant Stainless Steel Case

- Brass Bourdon Tube & Socket
- Brass Movement
- Glycerin Filled
- Corrosion Resistant Stainless Steel Case & Ring
- 1.5% Full Scale Accuracy
- 1/4" NPT Bottom Connection, Center Back, U-Clamp or Front Flange For Panel Mounting



251L4
251C4
251U4
251F4

2 1/2" Corrosion Resistant Stainless Steel Case

- 316 Stainless Steel Bourdon Tube & Socket
- Stainless Steel Movement
- Glycerin Filled
- Corrosion Resistant Stainless Steel Case & Ring
- 1.5% Full Scale Accuracy
- 1/4" NPT Bottom Connection, Center Back, U-Clamp or Front Flange For Panel Mounting



254L4
254C4
254U4
254F4

NEEDLE VALVES

High quality instrumentation grade needle valves designed for heavy-duty process applications and industrial applications, WGTC carries a large inventory of hard seat (10,000 psi) and soft seat (6,000 psi) valves in carbon steel, brass, and stainless steel. Needle valves are available in 1/4" through 1" NPT, straight or angle pattern, male x male, female x female, or male x female. Multiport valves and valve manifolds also available.

Multiport Valve



Angled Valve



Materials
and Pressure
Options



Mini Valve



THERMOWELLS

Thermowells are designed to protect temperature sensors of all types. WGTC manufactures all sizes, connections and materials, offering thermowells for bimetal, industrial and filled system thermometers, RTDs, thermocouples and more. Standard thermowells are in stock for immediate delivery. WGTC also has the ability to manufacture custom wells according to customer specifications.



For
Insulated
Pipes



Custom
Lengths



All size, thread,
and material
configurations
possible!



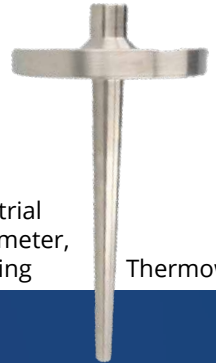
Tapered



Industrial
Thermometer



Industrial
Thermometer,
Lagging



Thermowell

DIAPHRAGM SEALS

WGTC is a full line diaphragm seal manufacturer. Diaphragm seals are designed to protect instruments from severe applications. WGTC manufactures diaphragm seals in all sizes, connections and materials, including seals for gauges, transmitters, switches and more. In addition, WGTC attaches instruments and fill systems, providing many options with quick delivery.

Threaded



Flanged



Mini



Sanitary



GAS TEST

System Piping Test Gauges

- 2" Dial, Black Steel Case
- Plastic Lens
- Copper Alloy Internals, Vertical or Horizontal Type
- Steel Hex or Bell Type Body Available
- 1/2", 3/4" or 1" NPT Pipe Connections
- Complete with Air Valve & Cap



20QTV/H

HOSE TEST

Hose Gauge

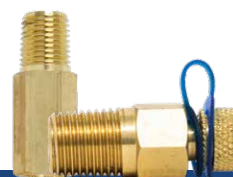
- 2 1/2" Dial, Black Plastic Case
- Copper Alloy Internals
- Plastic Lens
- Top Connection Stem Mount
- 3/4" FNPT Hose Connection
- With or Without Max Pointer



25TP HOSE

PT Plugs & Extensions

- Brass Body
- Nordel Core (Dual Core Design) Plastic Cap Retainer
- Maximum Pressure 1,000 PSI
- Operational Temperature Range 45°F to 275°F
- PT Plug Extension For Use with Plugs or Insulated Pipe
- Brass 1.75" Overall Length



PT

Pressure/Temperature Kits

- (1) PT Case - Heavy Duty Plastic with Foam Insert
- 2 1/2" Pressure Gauge
- 1" Pocket Thermometer
- (1) Gauge Adapter



PT KIT

WEKSLER GLASS HISTORY

Weksler Glass Thermometer Corporation has a long and proud history. Our founder, Harry Weksler, was an accomplished glass blower who left England in 1920 and founded the Weksler Thermometer Company in St. Louis, Missouri.

On September 23, 1947 Weksler Thermometer Corporation applied for a U.S. patent for their revolutionary adjustable-angle industrial thermometer. Three years later, patent number 2,524,894 was granted and the company solidified its position as a leader in the HVAC industry.

The company grew rapidly under Harry Weksler's leadership and moved to a larger facility in Freeport, New York in 1952. As the company expanded into new markets, the name was changed to Weksler Instruments Corporation in the 1950's. Three generations of family members lead Weksler Instruments through a period of unprecedented growth for another 45 years before selling the company's name and parts of the product line to Dresser Industries in 1995.

The company's most important assets were retained and have been a mainstay of the worldwide HVAC market. We continue to offer our adjustable-angle industrial thermometer and EA14 contractor gauges along with our expanding line that now includes bimetal thermometers, diaphragm seals and a full range of pressure gauges. Our history means a lot to the WGTC story and fuels our dedication to providing quality products to the HVAC market for over 75 years.



Photo taken in Freeport, NY, USA - (circa) 1955

WGTC WEKSLER GLASS
THERMOMETER CORP.

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