

All Types of Temperature Gauge | Bimetal |
Inert Gas Filled | Mercury Filled | OTI/WTI |
Digital Gauge



Japsin
Instrumentation™



Horizontal
Bimetal



Vertical Bimetal



All Angle Dial
Bimetal



Horizontal
Bimetal



Anti-Vibration
Spring



Electrical Contact
Dial Thermometer



Capillary/Remote
Thermometer



Micro-Switch Dial
Gauge



OTI / WTI with
Junction Box



OTI / WTI with
Junction Box

Model: JI-BMT-DBC | JI-BMT-DBO | JI-BMT-ALL
Bimetal Dial Thermometer



Japsin Instrumentation™






Models	JI-BMT-DBC	JI-BMT-DBO	JI-BMT-ALL
Description	Bi-Metallic Dial Temperature Gauge Sensing Element Coil of Bimetal Rigid Stem Direct Back Mounting	Bi-Metallic Dial Temperature Gauge Sensing Element Coil of Bimetal Rigid Stem Direct Bottom Mounting	Bi-Metallic Dial Temperature Gauge Sensing Element Coil of Bimetal Rigid Stem All Angle/Every Angle Mounting
Nominal Dial Size	DN 50 DN 64 DN 100 DN 150	DN 50 DN 64 DN 100 DN 150	DN 50 DN 64 DN 100 DN 150
Accuracy	+/-1.6% FSD	+/-1.6% FSD	+/-1.6% FSD
Type of Mounting	Direct Back	Direct Bottom	All Angle / Evert Angle
Process Connection	1/4" BSP (M) 3/8" BSP (M)	1/4" BSP (M) 3/8" BSP (M)	1/4" BSP (M) 3/8" BSP (M)
Wetted Parts	SS 316	SS 316	SS 316
Case Material	SS 304	SS 304	SS 304
Case Type	Bayonet Type	Bayonet Type	Bayonet Type
Pointer	Black Aluminum	Black Aluminum	Black Aluminum
Protection Class	IP 32	IP 65	IP 65
Ref. Standard	EN-13190	EN-13190	EN-13190
Window	Shatterproof Glass	Shatterproof Glass	Shatterproof Glass
Max Temperature	Upto 650 Deg C	Upto 650 Deg C	Upto 650 Deg C
Glycerin Option	N.A	N.A	N.A
Standard Ranges	0 to 50 Deg C 0 to 120 Deg C 0 to 150 Deg C 0 to 200 Deg C 0 to 250 Deg C 0 to 300 Deg C 0 to 350 Deg C 0 to 400 Deg C 0 to 500 Deg C 0 to 600 Deg C 0 to 650 Deg C	0 to 50 Deg C 0 to 120 Deg C 0 to 150 Deg C 0 to 200 Deg C 0 to 250 Deg C 0 to 300 Deg C 0 to 350 Deg C 0 to 400 Deg C 0 to 500 Deg C 0 to 600 Deg C 0 to 650 Deg C	0 to 50 Deg C 0 to 120 Deg C 0 to 150 Deg C 0 to 200 Deg C 0 to 250 Deg C 0 to 300 Deg C 0 to 350 Deg C 0 to 400 Deg C 0 to 500 Deg C 0 to 600 Deg C 0 to 650 Deg C

Model: JI-IGF-ST | JI-IGF-CT | JI-IGF- AVT
Inert Gas Filled Stem Type | Capillary Type
| Anti-Vibration Type



Japsin
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Models	JI-IGF-ST	JI-IGF-CT	JI-IGF-AVT
Description	Inert Gas Filled Dial Thermometer Gas Filled Expansion	Schaffer's Diaphragm Capsule pressure Gauge Upper Chamber: 304 / M.S. Diaphragm Material: SS 316L Bottom Chamber: SS 316 / SS 304	Inner-Built Capsule Pressure Gauge Suitable for Low Ranges Units Available are in mmWc mBar inWc MOC SS 304 & SS 316
Nominal Dial Size	DN 63 DN 100 DN150 DN 200 DN 250	DN 63 DN 100 DN150 DN 200 DN 250	DN 63 DN 100 DN150 DN 200 DN 250
Accuracy	+/-1% FSD	+/-1% FSD	+/-1% FSD
Type of Mounting	Direct Bottom Surface Bottom Direct Back Panel Back	Surface Bottom Panel Back	Direct Bottom Direct Back
Process Connection	¼" BSP (M) 3/8" BSP (M) ½" BSP (M)	¼" BSP (M) 3/8" BSP (M) ½" BSP (M)	¼" BSP (M) 3/8" BSP (M) ½" BSP (M)
Wetted Parts	SS 316L	SS 316L	SS 316L
Case Material	Stainless Steel 304	Stainless Steel 304	Stainless Steel 304
Case Type	Bayonet Type	Bayonet Type	Bayonet Type
Pointer	Mircro-Adjustable	Mircro-Adjustable	Mircro-Adjustable
Protection Class	IP 65 68	IP 65	IP 65
Ref. Standard	EN 13190	EN 13190	EN 13190
Window	Acrylic Safety Glass Shatterproof Glass	Acrylic Safety Glass Shatterproof Glass	Acrylic Safety Glass Shatterproof Glass
Capillary	N.A	3 meter Std.	N.A
Capillary Material	N.A	SS Armoured PVC SS	N.A
Max Capillary Up-to	N.A	25 meters	N.A
Glycerin Option	Optional (Y/N)	Optional (Y/N)	Optional (Y/N)
Standard Ranges	-20 to 40 Deg C -20 to 60 Deg C -20 to 80 Deg C -20 to 100 Deg C -20 to 120 Deg C -20 to 180 Deg C -30 to 50 Deg C -30 to 70 Deg C -40 to 40 Deg C -50 to 100 Deg C 0 to 50 Deg C 0 to 120 Deg C 0 to 150 Deg C 0 to 200 Deg C 0 to 250 Deg C 0 to 300 Deg C 0 to 400 Deg C 0 to 600 Deg C 0 to 650 Deg C	-20 to 40 Deg C -20 to 60 Deg C -20 to 80 Deg C -20 to 100 Deg C -20 to 120 Deg C -20 to 180 Deg C -30 to 50 Deg C -30 to 70 Deg C -40 to 40 Deg C -50 to 100 Deg C 0 to 50 Deg C 0 to 120 Deg C 0 to 150 Deg C 0 to 200 Deg C 0 to 250 Deg C 0 to 300 Deg C 0 to 400 Deg C 0 to 600 Deg C 0 to 650 Deg C	0 to 650 Deg C



Models	JI-IGF-EC	JI-MICRO-SWITCH	JI-OTI/WTI
Description	Inert Gas Filled With Electrical Contacts	Mercury Filled Micro Switch Temperature gauges suitable for transformers	Gas Filled OTI/WTI Temperature gauges suitable for transformers
Nominal Dial Size	DN 100 DN150	DN 150	DN 150
Accuracy	+/-1% FSD	+/-1% FSD	+/-1% FSD
Type	Rigid Stem Type Capillary Type	Rigid Stem Type Capillary Type	Rigid Stem Type Capillary Type
Process Connection	¼" BSP (M) 3/8" BSP (M) ½" BSP (M)	¼" BSP (M) 3/8" BSP (M) ½" BSP (M)	¼" BSP (M) 3/8" BSP (M) ½" BSP (M)
Wetted Parts	SS 316L	Brass	Brass
Case Material	Stainless Steel 304	Aluminium	Aluminium
Case Type	Bayonet Type	Screw Type	Screw Type
Pointer	Mircro-Adjustable	Mircro-Adjustable	Mircro-Adjustable
Protection Class	IP 65 68	IP 65	IP 65
Ref. Standard	EN 13190	EN 13190	EN 13190
Window	Safety Glass Shatterproof Glass	Acrylic Safety Glass Shatterproof Glass	Acrylic Safety Glass Shatterproof Glass
Electrical Contact	1 NO 1 NC 2NC 2 NO	1 NO 1 NC 2NC 2 NO	1 NO 1 NC 2NC 2 NO
Rating	230 V AC 1 Amp	230 V AC 5 Amp	230 V AC 1 Amp
Standard Ranges	0 to 50 Deg C 0 to 120 Deg C 0 to 150 Deg C 0 to 200 Deg C 0 to 250 Deg C 0 to 300 Deg C 0 to 400 Deg C 0 to 600 Deg C 0 to 650 Deg C	0 to 120 Deg C 0 to 150 Deg C 0 to 200 Deg C	0 to 120 Deg C 0 to 150 Deg C 0 to 200 Deg C