

Probes
For Ultrasonic Thickness Gauges

Probes to Meet all Demanding Applications

Agfa NDT offers a complete line of dual-element probes compatible with its D-Meter line of ultrasonic thickness gauges... (DMS and DM4 Family). Standard probes are readily available to satisfy a wide range of remaining wall thickness applications including: high-temperature, through-coating, erosion/corrosion, thin materials, areas of limited access, tough to penetrate materials (course grained/non-metals), external pitting, wear-resistance, boiler tubing, small diameter piping/tubing, and most all general-purpose applications.

DIALOG Intelligent Probes are automatically recognized by the DM4 or DMS 2 family of instruments for quick setup, best performance and test documentation.

If standard probes will not satisfy your requirements, our applications lab is fully equipped and staffed to offer practical solutions to your special application needs. Special probes are quoted, developed and delivered on a timely basis directly through the applications lab.

Cables & Connectors



Cable	Code	Length
KBA-533	A - A	4 ft. (1.2 m)
KBA-532	A - C	4 ft. (1.2 m)
KBA-534	A - B	4 ft. (1.2 m)
KBA-535	A - E	4 ft. (1.2 m)
KBA-536	A - D	4 ft. (1.2 m)
KAB-531A	A - F	4 ft. (1.2 m)

Couplant and Calibration Blocks

Name	Type	Description
Exosen	General Purpose Fluid	Water soluble, low sulfur and halogens, non-toxic and non-flammable, Exosen is available in five (5) standard viscosities Exosen 10, 14, 20, 30 & 40.
Hitempco	Ambient to High Temp	Medium viscosity paste in 2 oz. Tube. Temperature range up to 500° F (260° C)
ZGM	High Temp	High viscosity paste in 3.5 oz. Tube. Temperature range from 400° F to 1100°F (200°C to 600° C)
SLC-70	Thick, Irregular Surface	Highly attenuative paste (Honey consistency) in 4 oz. jar
B-320	4 Step Carbon Steel Step Block	Steps at .25", .50", .75" & 1.0" (carbon steel)
B-310	5 Step Carbon Steel Step Block	Steps at .100", .200", .300", .400" & .500"
B-004	2 Step Check Block	0.100" and 1.00" Block (303 S. Steel-not certified)

AgfaNDT.com

Visit AgfaNDT.com for more information on Krautkramer's Thickness Probes and to learn more about our complete line of ultrasonic, x-ray, digital and film systems

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Probes for Solving Demanding Thickness Applications



Application and Description	Model	Probe Cable	Contact Diameter	Frequency	Measuring Range in Steel	Temperature Range
TopCOAT & AUTO-V with DMS 2 TC ONLY	TC-560	KBA-531A / 531TC	.625" (15.9mm)	5	Metal : .060" – 8.00" (1.5-200mm) Coating: .002" – 0.80" (0.5-2mm)	< 130° F (< 54° C)
GENERAL PURPOSE / SIDE MOUNT CONNECTOR	DM-401-GP*	KBA-533 / 533A	.700" (17.8mm)	5	.060" - 8.0" (1.5-200mm) <i>DM4 Dual-Multi</i> <i>0.120" to 0.800" (3 to 20mm)</i>	< 300° F (<148° C)
GENERAL PURPOSE / SAME AS DM-401 ONLY WITH REMOTE SEND KEY ON TOP OF PROBE	DM-401-GP-REM*	KBA-533 / 533A	.700" (17.8mm)	5	.060" - 8.0" (1.5-200mm) <i>DM4 Dual-Multi</i> <i>0.120" to 0.800" (3 to 20mm)</i>	< 300° F (<148° C)
GENERAL PURPOSE / SAME AS DM-401 ONLY WITH CONNECTORS ON TOP	DM-411-GP*	DA-233	.700" (17.8mm)	5	.060" - 8.0" (1.5-200mm) <i>DM4 Dual-Multi</i> <i>0.120" to 0.800" (3 to 20mm)</i>	< 300° F (<148° C)
PIT DETECTION AND LIMITED ACCESS / SMALL DIA. FINGERTIP	FH2E-M	Potted	.280" (7.1mm)	7.5	.030" - 1.0" (.75-25mm)	< 130° F (<54° C)
PIT DETECTION AND LIMITED ACCESS / FINGERTIP	FH2E	Potted	.380" (9.6mm)	7.5	.030" - 2.0" (.75-25mm)	< 130° F (<54° C)
PIT DETECTION AND LIMITED ACCESS / FINGERTIP	FH2E-D*	Potted	.380" (9.6mm)	7.5	.030" - 2.0" (.75-25mm)	< 130° F (<54° C)
SAME AS FH2E ONLY WITH REMOTE SEND KEY ON TOP OF PROBE	FH2E-D-REM*	Potted	.380" (9.6mm)	7.5	.030" - 2.0" (.75-25mm)	< 130° F (<54° C)
WEAR RESISTANT CASE / SAME AS FH2E	FH2E-WR	Potted	.550" (14mm)	7.5	.030" - 2.0" (.75-25mm)	< 130° F (<54° C)
WEAR RESISTANT CASE / SAME AS FH2E-D	FH2E-D-WR*	Potted	.550" (14mm)	7.5	.030" - 2.0" (.75-25mm)	< 130° F (<54° C)
PENETRATION / SIDE MOUNT CONNECTOR	DA-303	KBA-533 / 533A	.650" (16mm)	2	.200" - 2.00" (5-300mm)	< 140° F (<54° C)
HIGH PENETRATION SIDE MOUNT CONNECTOR	DP-104	KBA-532	1.25" (31.8mm)	1	.200" min. (5 mm min.)	< 130° F (<54° C)
HIGH TEMP / FOR USE WITH DM4 FAMILY OF INSTRUMENTS	HT-400***	KBA-535 / 536	.550" (12.7mm)	5	.040" - 10.0" (1.0-25 mm)	< 1000° F (<540° C)
HIGH TEMP / FOR USE WITH DMS FAMILY OF INSTRUMENTS	HT-400A***	KBA-535 / 536	.550" (12.7mm)	5	.040" - 10.0" (1.0-254mm)	< 1000° F (<540° C)
THIN WALL AND SMALL RADIUS / SQUARE FINGERTIP CASE WITH REMOVABLE CABLE	DA-312	KBA-532	.300" (7.5mm)	10	.025" - 2.0" (.6-50 mm) <i>DM4 Dual-Multi</i> <i>0.050" to 0.500" (2 to 12mm)</i>	< 140° F (<60° C)
THIN WALL EXTERNAL PITTING ACCESS / SMALL DIA. FINGERTIP	KBA-525	Potted	.200" (5mm)	10	.025" - 1.0" (.6-25 mm)	< 130° F (<54° C)
THIN WALL EXTERNAL PITTING ACCESS / SMALL DIA. FINGERTIP	DA-312B16**	Potted	.120" (3mm)	10	.030" - 0.500" (.7-12mm)	< 140° F (<60° C)
EXTERNAL PITTING ACCESS / SMALL TIP PENCIL STYLE BODY	DA-312B29**	Potted	.120" (3mm)	10	.030" - 0.500" (.7-12mm)	< 140° F (<60° C)
4 INCH EXTENSION TUBE FOR HT-400						
7 INCH EXTENSION TUBE FOR HT-400						
STEEL BELL HOUSING FOR HT-400						

*DIALOG Intelligent Probes when used with DM4E, DM4, and DM4 DL

**2-PT Calibration required on DM4E, DM4, and DM4 DL

***Temp cycled per Krautkramer instruction/ Limited measurement range

• Specifications are subject to change without notice

Additional probe information is available on our web site
AgfaNDT.com