

Order Code	Description	List Price	Part Number
SmartSonic Ultrasonic Level Transmitters			
SS400-25UC	SS400-25UC - SmartSonic level transmitter with 4-20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, with PC utility/diagnostic software, PLC compatible	Call for Price	730-0363
SS400-45UC	SS400-45UC - SmartSonic level transmitter with 4-20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, with PC utility / diagnostic software, PLC compatible	Call for Price	730-5078
SS400-52UC	SS400-52UC - SmartSonic level transmitter with 4-20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, with PC utility / diagnostic software, PLC compatible	Call for Price	730-5079
SS400-70UC	SS400-70UC - SmartSonic level transmitter with 4-20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, with PC utility / diagnostic software, PLC compatible	Call for Price	730-5070
SS400-80UC	SS400-80UC - SmartSonic level transmitter with 4-20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, with PC utility / diagnostic software, PLC compatible	Call for Price	730-5071
SS400-81UC	SS400-81UC - SmartSonic level transmitter with 4-20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, with PC utility / diagnostic software, PLC compatible	Call for Price	730-5072
SS400-148UC	SS400-148UC - SmartSonic level transmitter with 4-20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, with PC utility / diagnostic software, PLC compatible	Call for Price	730-5073
SS300-25UC	SS300-25UC - SmartSonic level transmitter with 4-20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, with PC utility / diagnostic software, PLC compatible	Call for Price	730-0377
SS300-45UC	SS300-45UC - SmartSonic level transmitter with 4-20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, with PC utility / diagnostic software, PLC compatible	Call for Price	730-5080
SS300-52UC	SS300-52UC - SmartSonic level transmitter with 4-20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, with PC utility / diagnostic software, PLC compatible	Call for Price	730-5081
SS300-70UC	SS300-70UC - SmartSonic level transmitter with 4-20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, with PC utility / diagnostic software, PLC compatible	Call for Price	730-5074
SS300-80UC	SS300-80UC - SmartSonic level transmitter with 4-20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, with PC utility / diagnostic software, PLC compatible	Call for Price	730-5075
SS300-81UC	SS300-81UC - SmartSonic level transmitter with 4-20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, with PC utility / diagnostic software, PLC compatible	Call for Price	730-5076
SS300-148UC	SS300-148UC - SmartSonic level transmitter with 4-20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, with PC utility / diagnostic software, PLC compatible	Call for Price	730-5077
SmartSonic Ultrasonic Level Transmitter Options			
LPD-PM-01	Lid-mounted, current loop powered display indicates the percentage full or empty of the tank being monitored	Call for Price	530-0511

Order Code	Description	List Price	Part Number
SmartSonic Sanitary Ultrasonic Level Transmitters			
SS400-70UCS	SS400-70UCS - SmartSonic sanitary level transmitter with 4 -20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, 5, and 12, with PC utility / diagnostic software	Call for Price	730-0404
SS400-80UCS	SS400-80UCS - SmartSonic sanitary level transmitter with 4 -20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, 5, and 12, with PC utility / diagnostic software	Call for Price	730-0406
SS400-81UCS	SS400-81UCS - SmartSonic sanitary level transmitter with 4 -20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, 5, and 12, with PC utility / diagnostic software	Call for Price	730-0408
SS400-148UCS	SS400-148UCS - SmartSonic sanitary level transmitter with 4 -20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, 5, and 12, with PC utility / diagnostic software	Call for Price	730-0410
SS300-70UCS	SS300-70UCS - SmartSonic sanitary level transmitter with 4 -20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, 5, and 12, with PC utility / diagnostic software	Call for Price	730-0412
SS300-80UCS	SS300-80UCS - SmartSonic sanitary level transmitter with 4 -20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, 5, and 12, with PC utility / diagnostic software	Call for Price	730-0414
SS300-81UCS	SS300-81UCS - SmartSonic sanitary level transmitter with 4 -20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, 5, and 12, with PC utility / diagnostic software	Call for Price	730-0416
SS300-148UCS	SS300-148UCS - SmartSonic sanitary level transmitter with 4 -20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, 5, and 12, with PC utility / diagnostic software	Call for Price	730-0418
Options for SmartSonic Sanitary Ultrasonic Level Transmitters			
HPHT-T	High temperature / high pressure 2" sanitary ultrasonic for temperatures up to 260°F, available for SS300/400 Sanitary models only	Call for Price	530-0510
TFL-T	High temperature ultrasonic transducer in Teflon for temperatures up to 266°F, available for SS300/400 sanitary models only	Call for Price	530-0509

SmartSonic Mini Ultrasonic Level Transmitters			
SS300-148UMC	SS300-148UMC - SmartSonic mini level transmitter with 4-20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, with PC utility / diagnostic software	Call for Price	730-0497
SS300-148UMCR	SS300-148UMCR - SmartSonic sanitary level transmitter with 4 -20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, 5, and 12, with PC utility / diagnostic software	Call for Price	730-0498
SS300-81UMCS	SS300-81UMCS - SmartSonic sanitary mini level transmitter with 4-20 mA output and RS-485 communication, UL and CSA approved, NEMA 4X, with PC utility / diagnostic software	Call for Price	730-5144
SmartSonic Two-Wire Ultrasonic Level Transmitters			
SS200-45UCH	SS200-45UCH - SmartSonic two-wire HART level transmitter with 4-20 mA output, NEMA 4X	Call for Price	730-0669
SS200-52UCH	SS200-52UCH - SmartSonic two-wire HART level transmitter with 4-20 mA output, NEMA 4X	Call for Price	730-0611
SS200-70UCH	SS200-70UCH - SmartSonic two-wire HART level transmitter with 4-20 mA output, NEMA 4X	Call for Price	730-0436
SS200-80UCH	SS200-80UCH - SmartSonic two-wire HART level transmitter with 4-20 mA output, NEMA 4X	Call for Price	730-0437
SS200-81UCH	SS200-81UCH - SmartSonic two-wire HART level transmitter with 4-20 mA output, NEMA 4X	Call for Price	730-0438
SS200-148UCH	SS200-148UCH - SmartSonic two-wire HART level transmitter with 4-20 mA output, NEMA 4X	Call for Price	730-0439

SmartSonic UltraSonic Level Transmitter Specifications

Model	Voltage	Range	Resolution	Mounting	Part No.
SS400-25UC	115 VAC	1.4 to 90 ft. 0.40 to 27.4 m	0.41" 10 mm	6.0" or 1.0" NPT	730-0363
SS400-45UC	115 VAC	1.0 to 60 ft. 0.30 to 18.2 m	0.27" 6.8 mm	3.0" NPT	730-5078
SS400-52UC	115 VAC	0.9 to 50 ft. 0.27 to 15.2 m	0.23" 5.7 mm	3.0" or 2.0" NPT	730-5079
SS400-70UC	115 VAC	0.8 to 30 ft. 0.24 to 9.1 m	0.13" 3.4 mm	3.0" or 2.0" NPT	730-5070
SS400-80UC	115 VAC	0.7 to 20 ft. 0.21 to 6.1 m	0.088" 2.2 mm	3.0" or 2.0" NPT	730-5071
SS400-81UC	115 VAC	0.6 to 16 ft. 0.18 to 4.9 m	0.07" 1.8 mm	3.0" or 1.5" NPT	730-5072
SS400-148UC	115 VAC	0.4 to 9 ft. 0.12 to 2.7 m	0.04" .98 mm	3.0" or 1.0" NPT	730-5073
SS300-25UC	12 to 30 VDC	1.4 to 90 ft. 0.40 to 27.4 m	0.41" 10 mm	6.0" or 1.0"NPT	730-0377
SS300-45UC	12 to 30 VDC	1.0 to 60 ft. 0.30 to 18.2 m	0.27" 6.8 mm	3.0" NPT	730-5080
SS300-52UC	12 to 30 VDC	0.9 to 50 ft. 0.27 to 15.2 m	0.23" 5.7 mm	3.0" or 2.0" NPT	730-5081
SS300-70UC	12 to 30 VDC	0.8 to 30 ft. 0.24 to 9.1 m	0.13" 3.4 mm	3.0" or 2.0" NPT	730-5074
SS300-80UC	12 to 30 VDC	0.7 to 20 ft. 0.21 to 6.1 m	0.088" 2.2 mm	3.0" or 2.0" NPT	730-5075
SS300-81UC	12 to 30 VDC	0.6 to 16 ft. 0.18 to 4.9 m	0.07" 1.8 mm	3.0" or 1.5" NPT	730-5076
SS300-148UC	12 to 30 VDC	0.4 to 9 ft. 0.12 to 2.7 m	0.04" .98 mm	3.0" or 1.0" NPT	730-5077

SmartSonic Sanitary UltraSonic Level Transmitters

Model	Voltage	Range	Resolution	Mounting Ferrule	Part No.
SS400-70UCS	115 VAC	0.8 to 30 ft. 0.24 to 9.1 m	0.13" 3.4 mm	2.0"	730-0404
SS400-80UCS	115 VAC	0.8 to 20 ft. 0.24 to 6.1 m	0.088" 2.2 mm	2.0"	730-0406
SS400-81UCS	115 VAC	0.6 to 16 ft. 0.18 to 4.9 m	0.07" 1.8 mm	2.0" or 1.5"	730-0408
SS400-148UCS	115 VAC	0.4 to 9 ft. 0.12 to 2.7 m	0.04" .98 mm	2.0" or 1.5"	730-0410
SS300-70UCS	12 to 30 VDC	0.8 to 30 ft. 0.24 to 9.1 m	0.13" 3.4 mm	2.0"	730-0412
SS300-80UCS	12 to 30 VDC	0.8 to 20 ft. 0.24 to 6.1 m	0.088" 2.2 mm	2.0"	730-0414
SS300-81UCS	12 to 30 VDC	0.6 to 16 ft. 0.18 to 4.9 m	0.07" 1.8 mm	2.0" or 1.5" Must Specify	730-0416
SS300-148UCS	12 to 30 VDC	0.4 to 9 ft. 0.12 to 2.7 m	0.04" .98 mm	2.0" or 1.5" Must Specify	730-0418

SmartSonic Mini UltraSonic Level Transmitters

Model	Voltage	Range	Resolution	Mounting	Part No.
SS300-148UMC	12 to 30 VDC	0.33 to 6 ft. 0.10 to 1.8 mm	0.03" 0.7 mm	1" NPT	730-0497
SS300-148UMCR	12 to 30 VDC	0.33 to 6 ft. 0.10 to 1.8 mm	0.03" 0.7 mm	1.5" Ferrule	730-0498
SS300-81UMCR	12 to 30 VDC	0.6 to 16 ft. 0.18 to 4.9 mm	0.088" 2.2 mm	1.5" Ferrule	730-5144

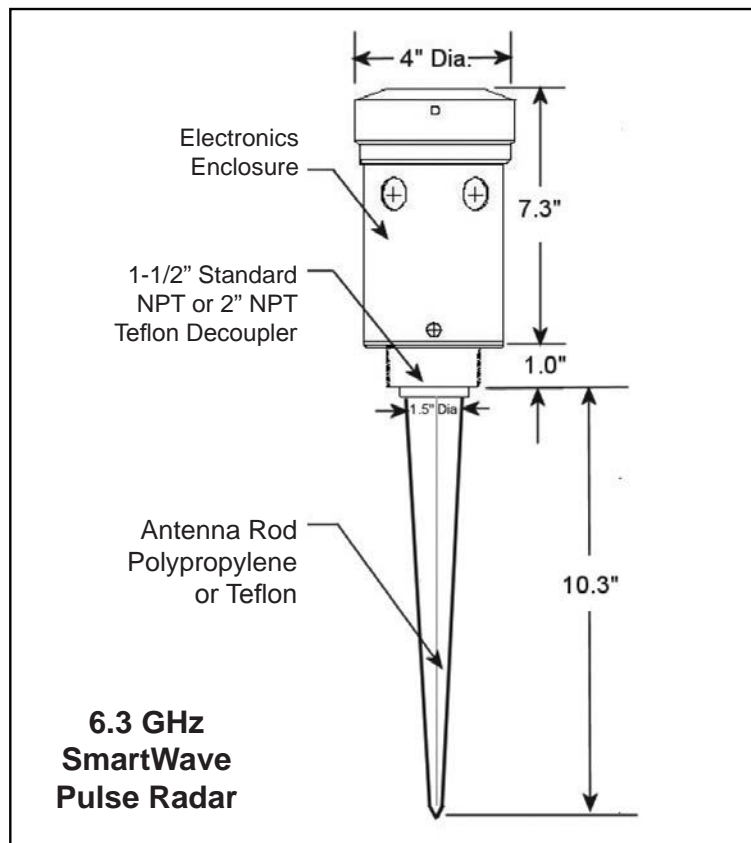
SmartSonic Two-Wire UltraSonic Level Transmitters

Model	Voltage	Range	Resolution	Mounting	Part No.
SS200-45UCH	12 to 28 VDC	1.0 to 60 ft. 0.30 to 18.2 m	0.27" 6.8 mm	3.0" NPT 3.0" Ø X 3.0" H	730-0669
SS200-52UCH	12 to 28 VDC	0.9 to 50 ft. 0.27 to 15.2 m	0.23" 5.7 mm	2.0" NPT 1.8" Ø X 2.25" H	730-0611
SS200-70UCH	12 to 28 VDC	0.8 to 30 ft. 0.24 to 9.1 m	0.13" 3.4 mm	2.0" NPT 1.8" Ø X 2.25" H	730-0436
SS200-80UCH	12 to 28 VDC	0.7 to 20 ft. 0.21 to 6.1 m	0.088" 2.2 mm	2.0" NPT 1.8" Ø X 2.25" H	730-0437
SS200-81UCH	12 to 28 VDC	0.6 to 16 ft. 0.18 to 4.9 m	0.07 1.8 mm	1.5" NPT 1.5" Ø X 2.1" H	730-0438
SS200-148UCH	12 to 28 VDC	0.4 to 9 ft. 0.12 to 2.7 m	0.04" 98 mm	1.0" NPT 1.1" Ø X 2.0" H	730-0439

SmartWave 6.3 GHz Pulse Radar Transmitters			
SS400-033RC	SS400-033RC - SmartWave pulse radar transmitter 6.3 GHz with 4-20 mA output and RS-485 communication, polypropylene antenna rod (optional PTFE available), aluminum housing, with PC utility / diagnostic software	Call for Price	730-5104
SS400-050RC	SS400-050RC - SmartWave pulse radar transmitter 6.3 GHz with 4-20 mA output and RS-485 communication, polypropylene antenna rod (optional PTFE available), aluminum housing, with PC utility / diagnostic software	Call for Price	730-5082
SS400-100RC	SS400-100RC - SmartWave pulse radar transmitter 6.3 GHz with 4-20 mA output and RS-485 communication, polypropylene antenna rod (optional PTFE available), aluminum housing, with PC utility / diagnostic software	Call for Price	730-5083
SS430-033RC	SS430-033RC - SmartWave pulse radar transmitter 6.3 GHz with 4-20 mA output and RS-485 communication, polypropylene antenna rod (optional PTFE available), aluminum housing, with PC utility / diagnostic software	Call for Price	730-5105
SS430-050RC	SS430-050RC - SmartWave pulse radar transmitter 6.3 GHz with 4-20 mA output and RS-485 communication, polypropylene antenna rod (optional PTFE available), aluminum housing, with PC utility / diagnostic software	Call for Price	730-5106
SS430-100RC	SS430-100RC - SmartWave pulse radar transmitter 6.3 GHz with 4-20 mA output and RS-485 communication, polypropylene antenna rod (optional PTFE available), aluminum housing, with PC utility / diagnostic software	Call for Price	730-5107
SS300-033RC	SS300-033RC - SmartWave pulse radar transmitter 6.3 GHz with 4-20 mA output and RS-485 communication, polypropylene antenna rod (optional PTFE available), aluminum housing, with PC utility / diagnostic software	Call for Price	730-5108
SS300-050RC	SS300-050RC - SmartWave pulse radar transmitter 6.3 GHz with 4-20 mA output and RS-485 communication, polypropylene antenna rod (optional PTFE available), aluminum housing, with PC utility / diagnostic software	Call for Price	730-5084
SS300-100RC	SS300-100RC - SmartWave pulse radar transmitter 6.3 GHz with 4-20 mA output and RS-485 communication, polypropylene antenna rod (optional PTFE available), aluminum housing, with PC utility / diagnostic software	Call for Price	730-5085
SmartWave Pulse Radar Options			
ATE	Radar Teflon antenna rod for 6.3 GHz only, -40 to 350°F (-40 to 177°C)	Call for Price	303-0008
AE6	Radar Teflon standpipe antenna rod extension 6" (6.3 GHz only)	Call for Price	303-0009
AE8	Radar Teflon standpipe antenna rod extension 8" (6.3 GHz only)	Call for Price	303-0010
S20	Radar 2.5" sanitary mount with Teflon rod antenna (6.3 GHz only)	Call for Price	303-0011
THE	Radar 2" NPT Teflon decoupler adapter for rod antenna 6.3 GHz only, -40 to 350°F (-40 to 177°C)	Call for Price	175-0181
SS	Radar stainless steel housing (6.3 GHz only)	Call for Price	530-0512
EXP-A	Radar explosion proof aluminum housing, Class I, Division 1, Groups B, C & D, Class II, Division I, Groups E, F & G. Unit only available in SS300 models.	Call for Price	530-0513
EXP-SS	Radar explosion proof stainless steel housing, Class I, Division 1, Groups B, C & D, Class II, Division I, Groups E, F & G. Unit only available in SS300 models.	Call for Price	530-0514

Standard Smartwave Pulse Radar Transmitters 6.3 GHz For Liquid and Slurry Applications

Model	Voltage	Range	Resolution	Mounting	Part No.
SS400-033RC	115 VAC	* 33 ft. (10 m)	0.15" 3.9 mm	1.5" NPT 2.0" NPT (with Decoupler)	730-5104
SS400-050RC	115 VAC	* 50 ft. (15 m)	0.22" 5.7 mm	1.5" NPT 2.0" NPT (with Decoupler)	730-5082
SS400-100RC	115 VAC	* 100 ft. (30 m)	0.44" 11 mm	1.5" NPT 2.0" NPT (with Decoupler)	730-5083
SS430-033RC	230 VAC	* 33 ft. (10 m)	0.15" 3.9 mm	1.5" NPT 2.0" NPT (with Decoupler)	730-5105
SS430-050RC	230 VAC	* 50 ft. (15 m)	0.22" 5.7 mm	1.5" NPT 2.0" NPT (with Decoupler)	730-5106
SS430-100RC	230 VAC	* 100 ft. (30 m)	0.44" 11 mm	1.5" NPT 2.0" NPT (with Decoupler)	730-5107
SS300-033RC	12 to 30 VDC	* 33 ft. (10 m)	0.15" 3.9 mm	1.5" NPT 2.0" NPT (with Decoupler)	730-5108
SS300-050RC	12 to 30 VDC	* 50 ft. (15 m)	0.22" 5.7 mm	1.5" NPT 2.0" NPT (with Decoupler)	730-5084
SS300-100RC	12 to 30 VDC	* 100 ft. (30 m)	0.44" 11 mm	1.5" NPT 2.0" NPT (with Decoupler)	730-5085



Order Code	Description	List Price	Part Number
SmartSonic / SmartWave Display Module Enclosures			
SSE3	SSE3 - SmartSonic display module control enclosure, wall mounted, 3" slots to insert control bar graph modules that read SmartSonic Transmitters, transparent polycarbonate cover, 7.5"T x 7.5"W x 7.1"D, NEMA 4X (for use with SSCM-7 and SSCM-8).	Call for Price	416-0387
SSE5	SSE5 - SmartSonic / SmartWave display module enclosure, wall mounted, NEMA 4X. Has slots to insert from 1 to 5 display modules to read levels from up to 5 SmartSonic/SmartWave transmitters (for use with SSCM-1 and SSCM-5).	Call for Price	416-0369
SSE7	SSE7 - SmartSonic / SmartWave display module enclosure, wall mounted, NEMA 4X. Has slots to insert from 1 to 7 display modules to read levels from up to 7 SmartSonic/SmartWave transmitters (for use with SSCM-1 and SSCM-5).	Call for Price	416-0380
SSE11	SSE11 - SmartSonic / SmartWave display module enclosure, wall mounted, NEMA 4X. Has slots to insert from 1 to 11 display modules to read levels from up to 11 SmartSonic/SmartWave transmitters (for use with SSCM-1 and SSCM-5).	Call for Price	416-0396
SmartSonic / SmartWave Display Modules			
SSCM-1	SSCM-1 - Single display module for use with SmartSonic / SmartWave transmitters. Display module can be housed in enclosure or can be panel mounted. Features a 31 segment modular compact bar graph with loop 4-20 mA input. Wide range auto sensing power supply 85-265 VAC / 95-370 VDC @ 2.5W. Two 4A form A relays. (Additional display module options are available for special applications. Consult factory.) 96 x 24 mm (BX-B31-VR-PS1-IP01-R2)	Call for Price	348-0009
SSCM-5	SSCM-5 - Single display module for use with SmartSonic / SmartWave transmitters. Display module can be housed in enclosure or can be panel mounted. Features a 51 segment compact bar graph plus 4-digit LED display. Standard model with loop 4-20 mA input, wide range power supply 85-265VAC / 95-370VDC @ 2.5W, two 4A form A relays. (Additional display module options are available for special applications. Consult factory.) 96 x 24 mm (BL-B51D40-VRR-PS1-IP01-R2)	Call for Price	348-0012
SSCM-7	SSCM-7 - Single display module for use with SmartSonic / SmartWave transmitters. Display module can be housed in enclosure or can be panel mounted. Features 3 independent 5-digit LED display. Standard model with loop 4-20 mA input, wide range power supply 85-265VAC / 95-370VDC @ 2.5W, two 9A form C relays. (Additional display module options are available for special applications. Consult factory.) 96 x 48 mm (DI-50T-DR-PS1-IP01-OR12-OA1)	Call for Price	348-0014
SSCM-8	SSCM-8 - Single display module for use with SmartSonic / SmartWave transmitters. Display module can be housed in enclosure or can be panel mounted. Features 5-digit LED display. Standard model with loop 4-20 mA input, wide range power supply 85-265VAC / 95-370VDC @ 2.5W, two 9A form C relays. (Additional display module options are available for special applications. Consult factory.) 96 x 48 mm (DI-503T-RRR-PS1-IP01-OR12-OA1)	Call for Price	348-0016
SSCM-10	SSCM-10 - Single display module for use with SmartSonic / SmartWave transmitters. Display module can be housed in enclosure or can be panel mounted. Custom unit requires quote from factory.	Call for Price	348-0023
SmartSonic / SmartWave PC Software			
SmartSonic PC Software RS-485	PC utility / diagnostic software used to diagnose and calibrate SmartSonic / Smart-Wave transmitters	Call for Price	323-0020
RS-485 NT Rev-1	RS-232 to RS-485 interface used to connect computer serial port to RS-485 network when using Binventory software.	Call for Price	730-0202
RS-485 USB	Mini USB	Call for Price	530-0570
SmartSonic Self-Aligning Mounting Flange			
SSMP-1	SSMP-1 - Self-aligning carbon steel 3" ball and socket flange provides vertical connection for tanks with a radius dome or angled roof top, provides easy aiming flexibility.	Call for Price	416-0367
SmartSonic / SmartWave Accessories			
USB-HRT	USB to HART modem	Call for Price	344-0016