

## HPT Step-by-Step

[geoprobe.com/hpt](http://geoprobe.com/hpt)



Learn how to log using the HPT system in this step-by-step video.



Instruments, Controllers

Components	Part	MN	Notes
	Field Instrument	213940	110V
		213941	220V
	HPT Flow Controller	214091	110V
		214093	220V

Probes

Components	Part	MN	Notes
	HPT Probe	226553	1.75 in.
	HPT Probe	214097	2.25 in.

Trunklines & Accessories

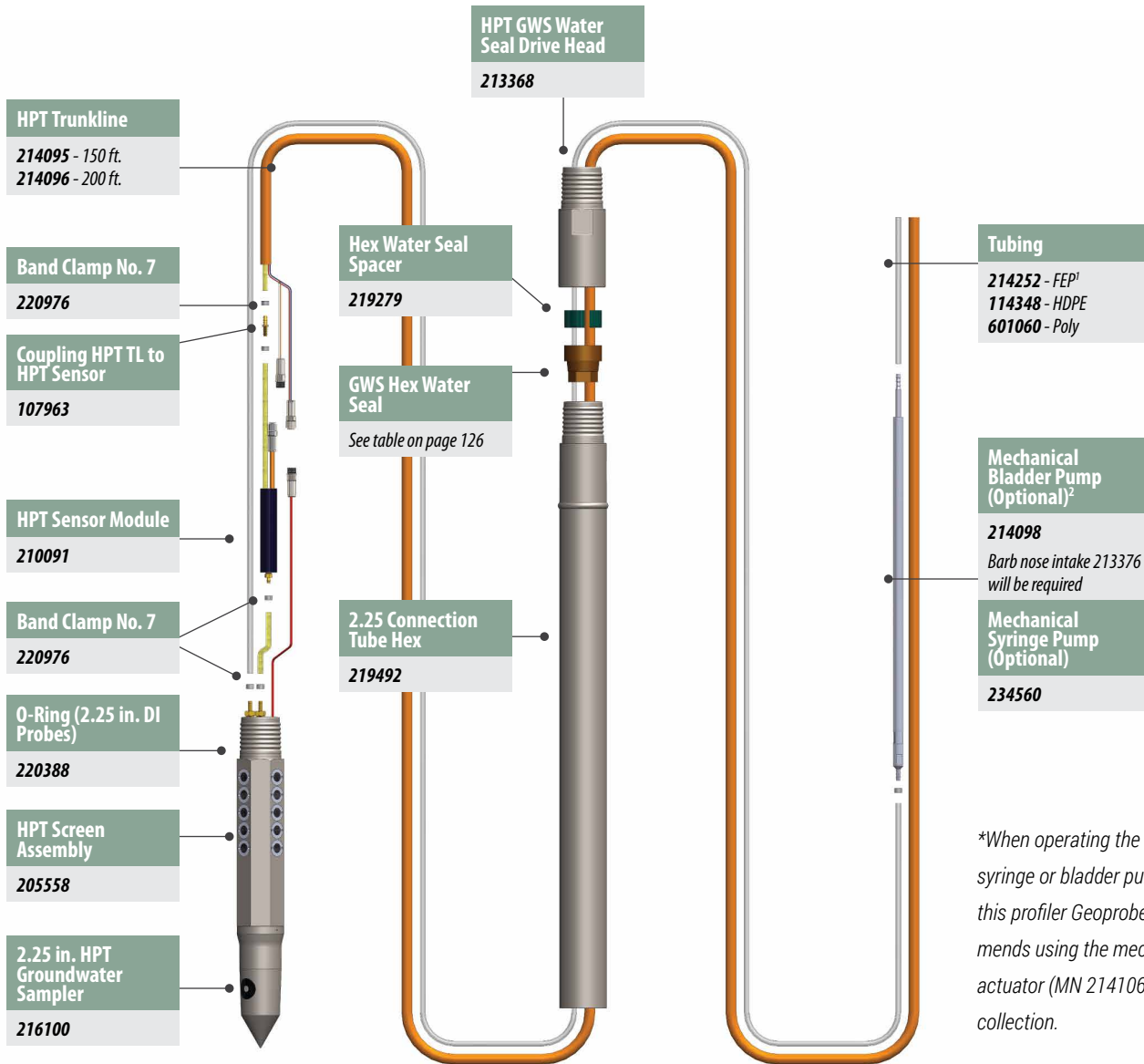
Components	Part	MN	Notes
	HPT Trunkline	214095	150 ft.
		214096	200 ft.
	HPT Trunkline Seal, Orange	207772	
	Trunkline Seal Spacers	207596	Pair

Accessories

Components	Part	MN	Notes
	HPT Service Kit	205599	
	HPT Screen Assembly	205558	
	HPT Spring Washer	215453	Quantity: 10
	HPT Sensor Module	210091	
	Coupling HPT TL to HPT Sensor	107963	
	Band Clamp No. 7	220976	Quantity: 10
	MIP-HPT Screen Ratchet Wrench Assembly	212094	
	MIP-HPT Screen Ratchet Wrench Head Assembly	212095	
	HPT Reference Cylinder	212689	For 1.75 in. and smaller probes
	HPT Reference Cylinder	211762	For 2.25 in. probes
	Wenner Array Probe Test Jig	214237	
	EC Test Load, 3 Level Test	208075	
	HPT Controller Test Load	206552	
	140 Micron Filter Replacement HPT	110223	
	HPT Trunkline - EC Pigtail	220974	
	HPT Trunkline - Sensor Pigtail	220975	
	Term Block 4 Pos, Green	101465	
	HPT Line Pressure Sensor	112735	
	HPT Flow Sensor	106479	

1.75 in. & 2.25 in. Components

Components	Part	MN	Notes
	1.75 RHSL Box x 1.75 RHML Pin	220130	4.08 in. S-S
	O-Ring (1.75 in. Probe Rod)	220387	Quantity: 25
	1.75 in. Drive Head	220545	1.75 Box x 1.5 Pin
	O-Ring (1.5 in. Probe Rod)	202695	Quantity: 25
	1.75 Connection Tube With Friction Reducer	225827	2.13 in. OD
	1.75 in. Connection Tube	219594	
	O-Ring (1.75 in. DI Probes)	223575	Quantity: 10
	O-Ring (2.25 in. Probe Rod)	213790	Quantity: 25
	2.25 in. Water Seal Drive Head	209796	2.75 in. OD
	2.25 in. Water Seal Drive Head	212089	2.25 in. OD
	2.25 Connection Tube Standard	219455	
	O-Ring (2.25 in. DI Probes)	220388	Quantity: 10

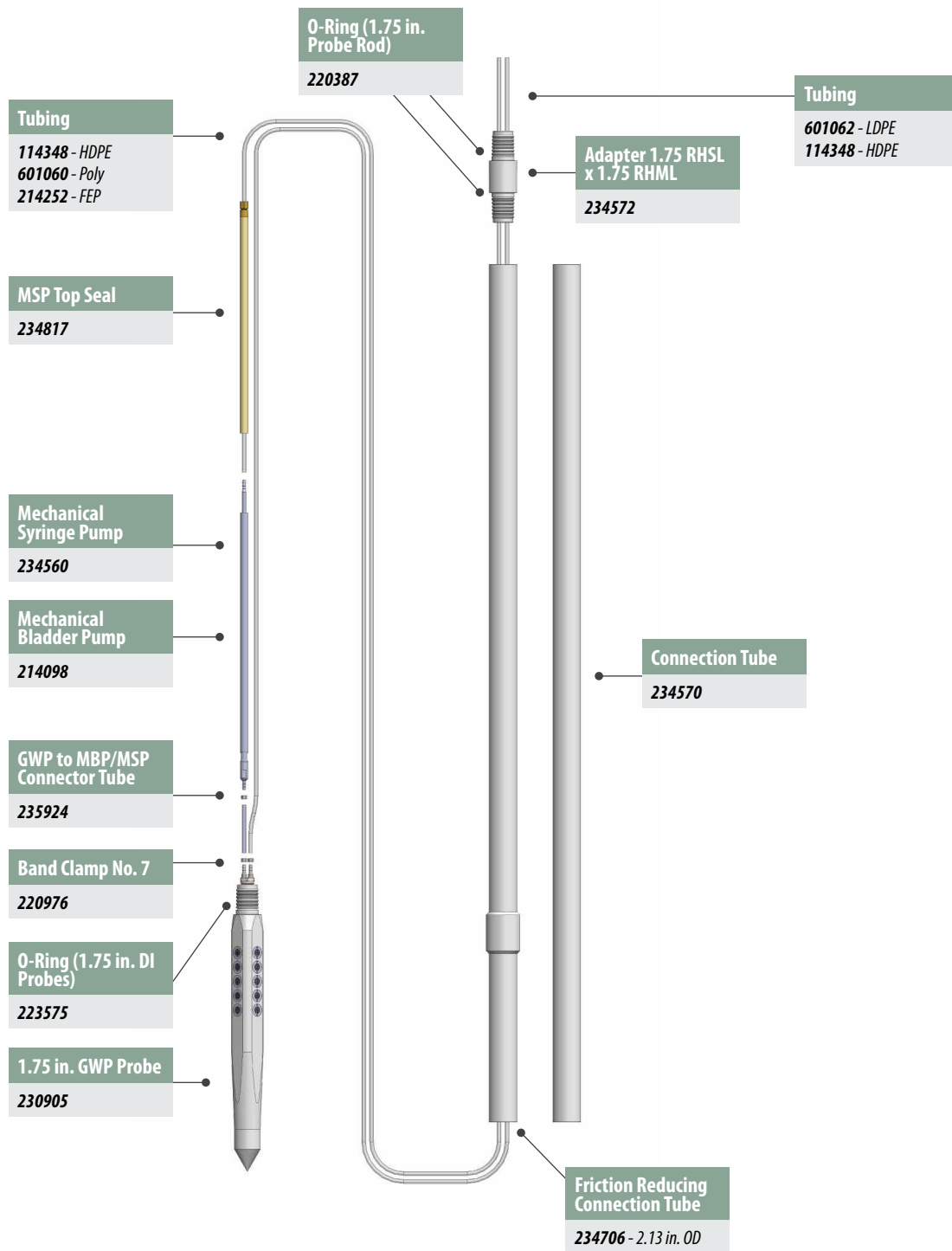


\*When operating the mechanical syringe or bladder pump within this profiler Geoprobe® recommends using the mechanical actuator (MN 214106) for sample collection.

<sup>1</sup>Not recommended for PFAS sampling.

<sup>2</sup>Recommended for VOC sampling except when sampling > 5 samples per boring.

[geoprobe.com/1.75gw](http://geoprobe.com/1.75gw)



NOTE: When shallow groundwater conditions are present the 175GWP may be operated with a peristaltic pump from the surface. In this case a down hole pump is not used. With this setup the standard length 1.75-in. connection tubes (219594 or 225827 with friction reducer) may be used.

When operating the mechanical syringe or bladder pump within this profiler Geoprobe® recommends using the mechanical actuator (MN 214106) for sample collection.

### HPT-GWS

#### Probes

Components	Part	MN	Notes
	2.25 in. HPT Groundwater Sampler	216100	

#### Accessories

Components	Part	MN	Notes
	2.25 Connection Tube Hex	219492	
	HPT GWS Water Seal Drive Head	213368	Connects to push rods
	HPT Trunkline	214095	150 ft.
		214096	200 ft.
	Peristaltic GWS Hex Water Seal	218212	
	Hex HPT GWS Water Seal	216671	
	Heated MIHPT Hex Water Seal	218052	
	Hex Water Seal Spacer	219279	
	2.25 Adapter Weldment MBP Actuator	216627	

### 1.75 GROUNDWATER PROFILER

#### Probes

Components	Part	MN	Notes
	1.75 in. GWP Probe	230905	

#### Accessories

Components	Part	MN	Notes
	Friction Reducing Connection Tube <b>NEW</b>	234706	1.75 in. x 1.3 m
	Connection Tube <b>NEW</b>	234570	1.75 in. x 1.3 m
	Adapter 1.75 RHSL x 1.75 RHML <b>NEW</b>	234572	
	O-Ring (1.75 in. Probe Rod)	220387	Quantity: 25
	1.75 in. Adapter Weldment MBP Actuator	230360	
	GWP HPT Sensor Cable	230985	Used in up-hole configuration
	O-Ring (1.75 in. DI Probes)	223575	Quantity: 10

### COMBINED COMPONENTS

Components	Part	MN	Notes
	HPT Spring Washer	215453	Quantity: 10
	HPT Screen Assembly	205558	
	MIP-HPT Screen Ratchet Wrench Assembly	212094	
	MIP-HPT Screen Ratchet Wrench Head Assembly	212095	
	HPT Sensor Module	210091	
	MSP Mechanical Syringe Pump <b>NEW</b>	234560	
	Mechanical Bladder Pump	214098	
	LDPE Tubing	601062	1/4 in. OD x 3/16 in. ID x 500 ft.
	HDPE Tubing <b>NEW</b>	114348	1/4 in. OD x .040 in. Wall x 500 ft.
	Polypropylene Tubing	601060	1/4 in. OD x 3/16 in. ID x 500 ft.
	FEP Tubing	214252	1/4 in. OD x 3/16 in. ID x 100 ft.
	Coupling HPT TL to HPT Sensor	107963	
	Band Clamp No. 7	220976	Quantity: 10
	MBP Service Kit	214112	
	MSP Service Kit <b>NEW</b>	236511	

Components	Part	MN	Notes
	MBP/MSP Barb Nose Intake	213376	
	MBP/MSP Electric Actuator	214106	12VDC
	Tubing Clamp Pair MBP Actuator	223584	.25 in.
	Slotted Seal Nut	216619	
	MSP Stainless Steel Piston	230993	
	O-Ring Installation Tool (MSP Piston) <b>NEW</b>	236023	
	MSP Piston O-Ring	230914	Quantity: 10
	MSP Piston Wear Ring <b>NEW</b>	233892	Quantity: 10
	MBP/MSP Check Ball Stainless Steel	103212	Quantity: 10
	MBP/MSP Heavy Compression Spring <b>NEW</b>	114347	
	O-Ring (MBP/MSP Lower Bladder Adapter) <b>NEW</b>	234553	Quantity: 25
	O-Ring (MBP Adapters)	214210	Quantity: 25
	MBP/MSP Top Seal <b>NEW</b>	234817	
	GWP to MBP/MSP Connector Tube <b>NEW</b>	235924	Quantity: 10