

# PITOT-STATIC TUBES

Connect a pitot static tube to GrayWolf's auto-zeroing differential pressure ( $\Delta P$ ) sensors and directly display air velocity or volume airflow over a very wide measurement range. Use GrayWolf's unique, extendable PIT-504 pitot tube, or select from a variety of standard pitot tubes.

■ **Accurate Airspeed and Volume Flow Measurement -**

Ellipsoidal tipped pitot-static tubes are an accurate way to measure airspeed in ducts, stacks and for automatic calculation of Volume Flow Rate when used with GrayWolf's AdvancedSense™, WolfPack™, Zephyr or IAQ Surveyor Pro instruments with  $\Delta P$  sensors installed. Or use the convenient model PIT-504 with alternate brand  $\Delta P$  meters.

■ **Choice of Lengths -**

GrayWolf supplies a choice of pitot-static tubes in fixed lengths of 30, 48 or 100 cm (12, 19 or 39 in) to suit your particular requirements. GrayWolf also manufactures a versatile 4 stage extendable pitot tube, supplied with case and accessories. This version expands from 40, to 72, to 105 to 140 cm (16, to 29, to 42 to 55 in), with the option to add up to 2 more 33 cm (13 in) extensions for a total length of 205 cm (81 in).

■ **Rugged Construction -**

High quality stainless steel for a lifetime of service, with no scheduled pitot-static tube calibration required.

■ **Wide Airspeed & Temperature Range -**

Available for use over an exceptionally wide air velocity and temperature range: airspeed testing up to 100 m/s (20,000 ft/m), at up to 800°C (1475°F).



PIT-504-KIT (shown here with 2 optional extensions)



PCC-P504 Case (included with PIT-504-KIT)

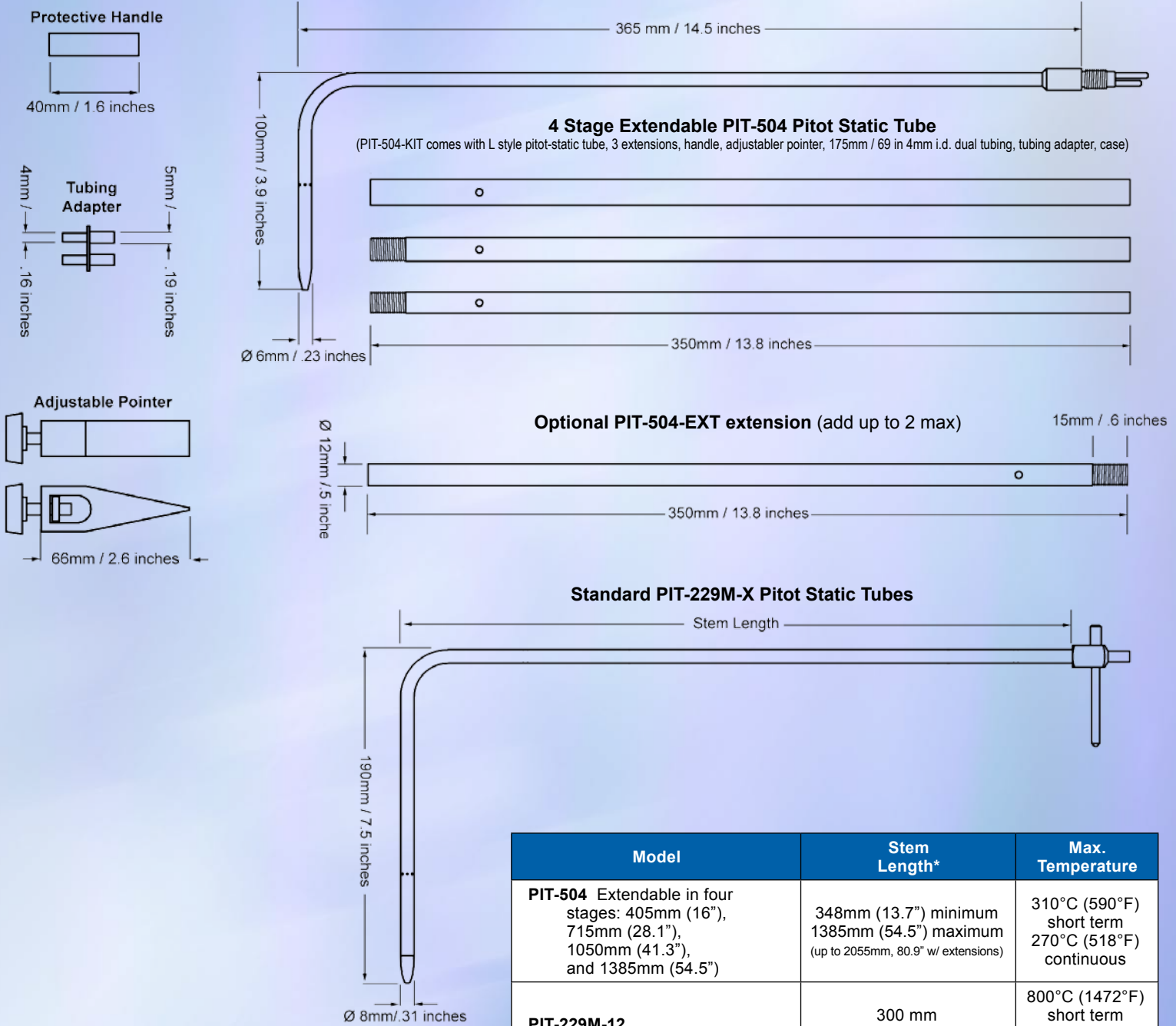


**GRAYWOLF® SENSING SOLUTIONS**

PH. 1-203-402-0477 FAX: 1-203-402-0478

EMAIL:  
SALESTEAM@GRAYWOLFSENSING.COM

WEBSITE:  
WWW.GRAYWOLFSENSING.COM



**PITOT-STATIC TUBES**

GrayWolf offers high grade, pitot-static tubes, available in a range of lengths to suit your particular application. Ellipsoidal tip design improves accuracy even in turbulent flow.

Model	Stem Length*	Max. Temperature
<b>PIT-504</b> Extendable in four stages: 405mm (16"), 715mm (28.1"), 1050mm (41.3"), and 1385mm (54.5")	348mm (13.7") minimum 1385mm (54.5") maximum (up to 2055mm, 80.9" w/ extensions)	310°C (590°F) short term 270°C (518°F) continuous
<b>PIT-229M-12</b>	300 mm (12")	800°C (1472°F) short term 680°C (1256°F) continuous
<b>PIT-229M-19</b>	480 mm (19")	800°C (1472°F) short term 680°C (1256°F) continuous
<b>PIT-229M-39</b>	1000 mm (39½")	800°C (1472°F) short term 680°C (1256°F) continuous

\*Inquire about alternate or custom lengths



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6 RESEARCH DRIVE  
SHELTON, CT 06484 USA  
PH. (1)203-402-0477  
800-218-7997  
FAX: (1)203-402-0478

EMAIL: SALESTEAM@GRAYWOLFSENSING.COM

WWW.GRAYWOLFSENSING.COM

**GRAYWOLF SENSING SOLUTIONS**

ANNACOTTY INDUSTRIAL PARK, UNIT 1C  
ANNACOTTY, COUNTY LIMERICK  
IRELAND  
PH. (353) 61358044  
FAX: (353) 61358160