

Testo Smart Probe Product Suggestion Guide

Be sure. **testo**



Testo Smart Probes:

The compact, professional HVAC/R Solution – optimized for your smartphone.



	Smart Probe	Air Conditioning	Airflow / Ventilation	Heating	Indoor Air Quality
testo 115i Pipe Clamp Thermometer	testo 115i Pipe Clamp	✓	--	✓	--
testo 405i Hot-wire Anemometer	testo 405i Hot-Wire Anemometer	✓	✓	--	--
testo 410i Vane Anemometer	testo 410i Vane Anemometer	✓	✓	--	--
testo 510i Diff. Pressure Manometer	testo 510i Diff. Pressure Manometer	✓	✓	✓	✓
testo 549i Pressure Gauge	testo 549i Pressure Gauge	✓	--	--	--
testo 605i Thermo-hygrometer	testo 605i Thermo-hygrometer	✓	✓	✓	✓
testo 805i IR Thermometer	testo 805i IR Thermometer	--	--	✓	✓
testo 905i Thermometer	testo 905i Thermometer	✓	✓	✓	✓
testo 552 Micron Gauge	testo 552 Micron Gauge	✓	--	--	--



Air Conditioning set:

testo 549i (2x), testo 115i (2x), and
testo Smart Case

The A/C Refrigeration set is configured to be used during commissioning, servicing, preventative maintenance, and troubleshooting A/C and refrigeration systems. New convenient HVAC softcase capable of holding entire line of testo Smart Probes.



AC and Refrigeration Test and Load Kit:

testo 549i (2x), testo 115i (2x), testo 605i (2x) and testo Smart Case

In conjunction with a smartphone or tablet, the AC and Refrigeration test kit is ideally suited to servicing and troubleshooting on air conditioning and refrigeration systems, as well as their installation.



Complete Kit:

testo 549i (2x), testo 115i (2x), testo 605i (2x), testo 405i, testo 410i, testo 510i, testo 805i, testo 905i and testo Smart Case

The ultimate kit for air conditioning, refrigeration and heating contractors, enabling the measurement of temperature, humidity, flow and pressure.



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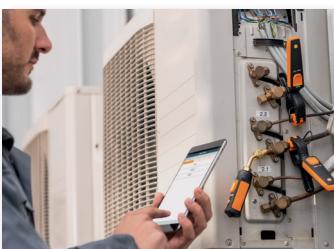
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All testo Smart Probes can be used interchangeably for a variety of applications.

Below you will find a quick guide that matches common applications, with the suggested testo Smart Probes best suited for each application.

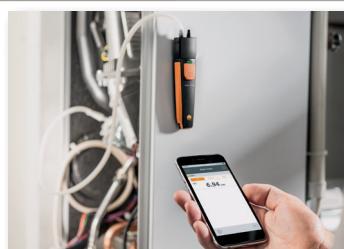
Air Conditioning			
Superheat / Subcooling, charging a system with a T-adapter	testo 115i (2x), testo 549i (2x)	Pressure drop across coils/filters	testo 510i
Target Superheat	testo 115i (2x), testo 549i (2x), testo 605i or 905i	Static pressure in duct with static pressure tip	testo 510i (2x) (Return/Supply)
In-duct airflow calculations (CFM)	testo 405i	Outdoor air temperature	testo 905i (2x)
Total system capacity calculation (BTU)	testo 605i (2x), testo 405i	Return and supply for grilles / registers and ambient air	testo 605i (3x)
Grill, exhaust and fan outlet airflow measurements (CFM)	testo 410i	Discharge line temperature	testo 115i



Airflow / Ventilation			
In-duct airflow calculations (CFM)	testo 405i	In-duct airflow calculations (CFM) with pitot tube	testo 510i
Grill, exhaust and fan outlet airflow measurements (CFM)	testo 410i	Return and supply for grilles / registers and ambient air	testo 605i (3x)
Pressure drop across coils/filters	testo 510i	Ambient air temperature	testo 905i
Static pressure in duct	testo 510i (2x) (Return/Supply)	--	--



Heating			
Surface temperature on pipes	testo 115i	Surface IR-temperature, setting the correct emission factor (hot spots)	testo 805i
Gas pressure, Manifold pressure, Supply / Return static pressure	testo 510i (4x)	Ambient air temperature	testo 905i
Supply / return air temperature	testo 605i (2x)	Pressure leak test on gas pipes	testo 510i



Indoor Air Quality			
Room static pressure	testo 510i	Mold indication	testo 805i, testo 605i
Dry bulb, wet bulb, %RH, Dew point measurements in ambient air	testo 605i (3x)	Ambient air temperature	testo 905i



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