



The **Altus AP1534** is a combined 4-gas analyser (AP1544) and smoke meter (AP1554).

It can operate as a stand alone unit or can be integrated in the Altus Atlas test lane software for passenger cars or heavy vehicles.

The AP1544 gas analyser and AP1554 smoke meter are standard supplied with sample probe and oil temperature sensor. A RPM inductive clamp is included with the gas analyser. A RPM piëzo clamp is included with the smoke meter.

### Standard features:

- 6 large LED displays
- 8 'easy to operate' front keys
- Integrated thermal printer
- Simple test routines
- RPM and oil temperature measurement

### Ranges and Resolutions AP1544 Gas Analyser:

Carbon monoxide CO	0-10 % vol Resolution: 0.01 % vol
Carbon dioxide CO <sub>2</sub>	0-20 % vol Resolution: 0.1 % vol
Oxygen O <sub>2</sub>	0-25 % vol Resolution: 0.01 % vol (O <sub>2</sub> < 4 % vol) Resolution: 0.1 % vol (O <sub>2</sub> ≥ 4 % vol)
Hydro carbon HC	0-10000 ppm vol Resolution: 1 ppm vol
Lambda	0.5 – 9.999 Resolution: 0.001
RPM	400 – 10000 1/min Resolution: 10 1/min
Cell temperature	0 °C – 150 °C Resolution: 1 °C

### Ranges and Resolutions AP1554 Smoke Meter:

Opacity	0-99.9 % / 0 – 9.99 m <sup>-1</sup> Resolution: 0.1 % / 0.01 m <sup>-1</sup>
Oil temperature	0 °C – 150 °C Resolution: 1 °C
Cell temperature	0 °C – 150 °C Resolution: 1 °C
RPM	300 – 9990 1/min Resolution: 10 1/min

### Options:

- Trolley for AP1534
- NO<sub>x</sub> sensor kit
- Electronic RPM adaptor

**Also available:** Model **AP1564** stand alone smoke meter  
Headlight tester



AP1544 Gas Analyser



Meets the internationally recognized  
**MID 2014/32/EU (OIML R99 class 0)**  
requirements.

Technical specifications are  
subject to changes without notice.

**Diagnostic equipment for specialists!**



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Certified:  
ISO 9001:2008 & ISO 14001:2004