



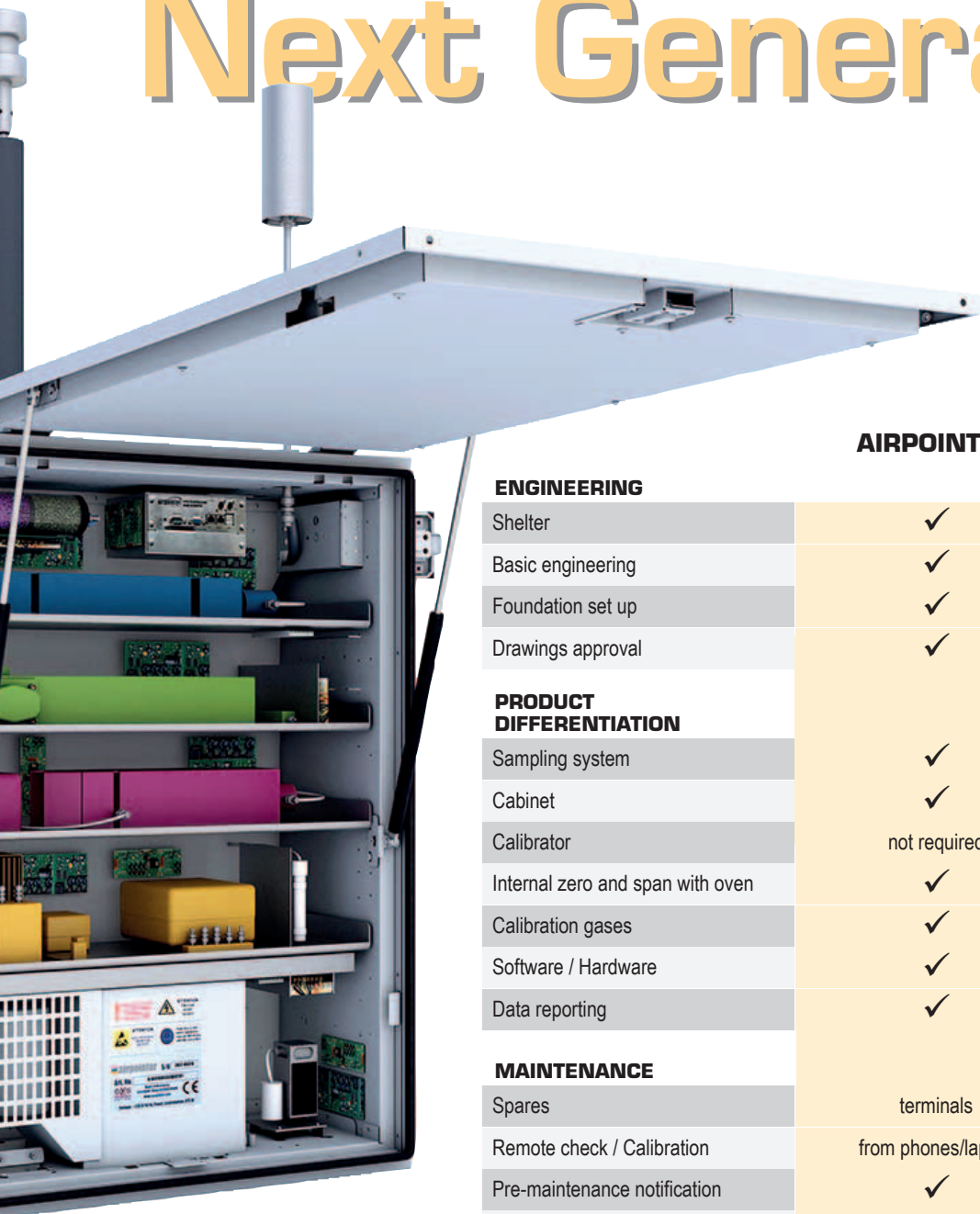
JCT
NextGen AQMS



 **airpointer®**

**Next Generation
AIR QUALITY
MONITORING**

Next Generation



AIRPOINTER STD 19" RACK

ENGINEERING		
Shelter	✓	extra
Basic engineering	✓	extra
Foundation set up	✓	extra
Drawings approval	✓	extra
PRODUCT DIFFERENTIATION		
Sampling system	✓	extra
Cabinet	✓	extra
Calibrator	not required	extra
Internal zero and span with oven	✓	extra
Calibration gases	✓	extra
Software / Hardware	✓	extra
Data reporting	✓	extra
MAINTENANCE		
Spares	terminals	heavy spares consumption
Remote check / Calibration	from phones/laptop	not possible
Pre-maintenance notification	✓	wait until failure of parts
Spare replacement videos	✓	not possible
Standardization of system	same system every time	varies with integrators

APPLICATIONS

- Petrochemical plants
- Refineries
- Tunnel monitoring
- Port/Harbor monitoring
- Optimal for fenceline monitoring
- Portable
- Hotspot monitoring

BENEFITS

- Easy in installation
- Lower cost of ownership
- Compact solution
- Low power consumption
- IOT ready
- Fully integrated system
- Lightweight

FEATURES

- Integrated data logger
- Airpointer operating system
- Remote diagnostic
- Air-conditioned
- Silent operation
- Highly customizable
- Robust design for rough environment



	airpointer 2D	airpointer 4D	airpointer PM (HC)
	2 of the following modules	4 of the following modules	4 of the following modules
POLLUTANTS			
Standard modules			
NO/NO ₂ /NO _x			
O ₃			
SO ₂ and/or H ₂ S			
CO			
PM...			
	PM10/PM4/PM2.5/PM1 and TSP (indicative) (not type approved!)		PM10/PM2.5 (type approved)
More sensor modules			
BTX			
Meteorological sensors	wind direction, wind velocity, temperature, air pressure, relative humidity, precipitation		
Traffic data sensors	traffic count, made by various manufacturers		
Noise sensors	made by various manufacturers		
Electrochemical sensors	for formaldehyde, ethane, chlorine ...		
Common features			
Construction	Well-isolated double aluminum construction Standard monitoring modules on removable drawers Rugged, inconspicuous burglar-proof design		
Standard equipment	Internal air conditioning and temperature control Maintenance door Cylinder lock (standard)		
Operating temperature	Zero air supply –20° to +42 °C [–4° to 108 °F] (optional heating for down to –40 °C [–40 °F]) (+50 °C [122 °F] for HC)		
Options	Various types of mounting brackets Wireless communication (LTE/UMTS/3G modem,...) Sample gas conditioning (high relative humidity, high PM exposure) Integration of external devices and instruments (e.g. 4 – 20 mA, RS-232, Modbus via IP,...) Solutions to communicate with external data systems (e.g. TCP-IP, Modbus via IP, RS-232, 4 – 20 mA,...) Various base frames and handling devices for on-site operation (roadside, workshop, indoor, pickup truck, trailer,...)		



AIR QUALITY MONITORING

AIR QUALITY MONITORING You Can Trust

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NextGen AQMS

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