#### MPM-4M Diesel particulate analyser

# A New Method for Diesel Particulate Measurement of Raw Engine Emissions

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- Utilises similar laser light scattering technology to existing analysers currently in use
- Developed by PM-Tech Australia in conjunction with MAHA Germany
- Testing configured to comply with MDG29 Guidelines for raw emission testing of diesel engines in NSW





# MPM-4M diesel particulate analyser



# MPM-4M Features and improvements over similar devices

- Heated sample line eliminating drying system
- Sample not diluted, single sample tube. Alternative systems utilise combination of 2-3 lines (i.e. water trap, diluted sample, undiluted sample lines)
- Single accessible water trap/ filter system
- Internal program and display automatically prompts user for load/idle conditions during emission testing (timer displayed on screen)
- Auto zero feature
- Can be calibrated using a range of calibration 'plugs'
- Single operator possible using removable remote start cable
- Simple maintenance and reduction in internal components
- Compact enclosure



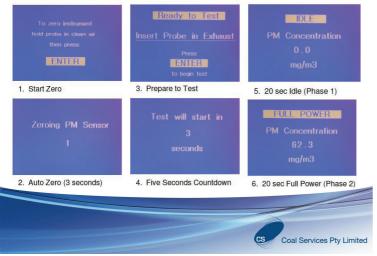
## MPM-4M Calibration plug and filters



#### MPM-4M - Test sequence



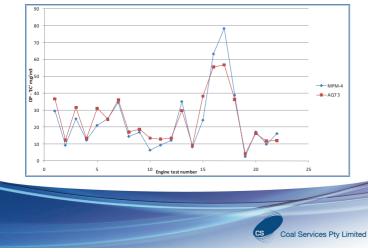




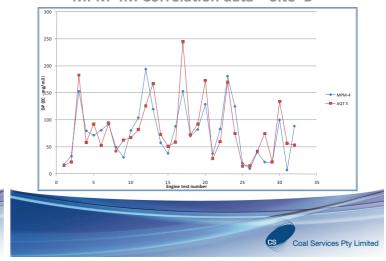
# Typical test sequence



#### MPM-4M Correlation data - Site 'A'



## MPM-4M Correlation data - Site 'B'



# Test equipment has noticeably downsized!

