

The background of the advertisement is a photograph of an industrial facility at dusk or dawn. A large, tall smokestack is the central focus, with a thick plume of white smoke rising from its top. The smokestack is painted in two distinct colors: a bright yellow on the upper half and a vibrant magenta on the lower half. In the foreground, the silhouettes of two workers wearing hard hats are visible; one is holding a clipboard. To the left, a horizontal sampling probe with red connections is suspended. The sky is a mix of blue and orange, and the industrial complex in the distance is lit up with various lights.

EXCEL*AIR*

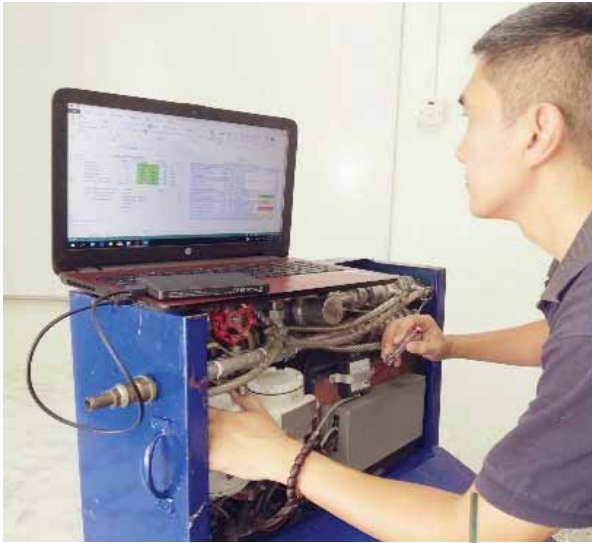
EAIS

Excel Air ISO System

ISOKINETIC DUST EMISSION MEASUREMENTS

- Real -Time Computer Aided
- High Measuring Accuracy
- Fully Compliant To MS1596:2003

ISOKINETIC EQUIPMENT FOR DUST EMISSION MEASUREMENT



Features

- Real time computer aided
- High measuring accuracy
- Fully compliant to MS1596:2003
- Upgradable to MS1723:2017

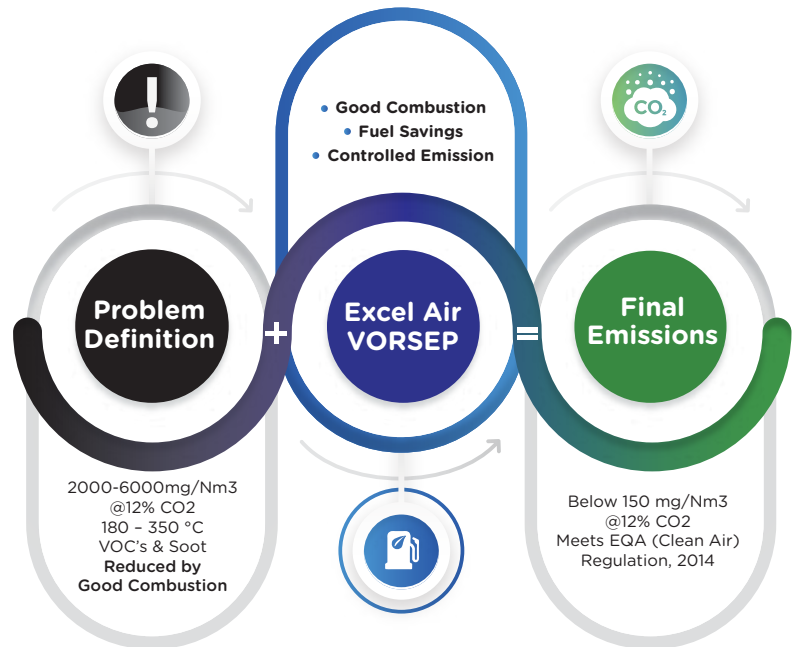
Description

EAIS uses heated combination probe with a heat insulated filter outside the chimney, fitted to the end of the heated probe.

The gas travels through a vinyl flexible hose, the water is removed with a condenser followed by silica gel.

Dried gas passes through the integrating gas flow meter to calculate the extraction volume. The temperature & static pressure is recorded at the gas metering device.

This information is then used to calculate the actual sample extraction velocity in the nozzle, and the control valves is adjusted to maintain the isokinetic condition.



Technical Data

Measuring	Dust concentration	
Sampling	Out-stack	
Range	Dust concentration	10.....5000mg/Nm3
	Temperature	0.....500°C
	Volume flow	0.2.....4.0 l/s

Probe

Length	1000.....2000mm
Diameter	70mm, Universal mounting adaptor for 3" port
Material	Stainless steel

Control Unit

Software	Excel Air ISO System (EAIS)
Weight	10kg
A/D conversion	Embedded Modules
Connection	USB
Notebook	Twinhead Durabook
Power requirement	3kW
Calibration	Once a year

EXCEL AIR

Excel Air Engineering Sdn Bhd (649759-D)

Unit No. K03-05-13, Level 5, Tower 3, UOA Business Park - No. 1, Jalan Pengaturcara U1/51A, Seksyen U1, 40150 Shah Alam, Selangor, Malaysia.

Tel: +60(3)5569 6331 /8331 **Fax:** +60(3)5569 9331 **Email:** info@excelae.com