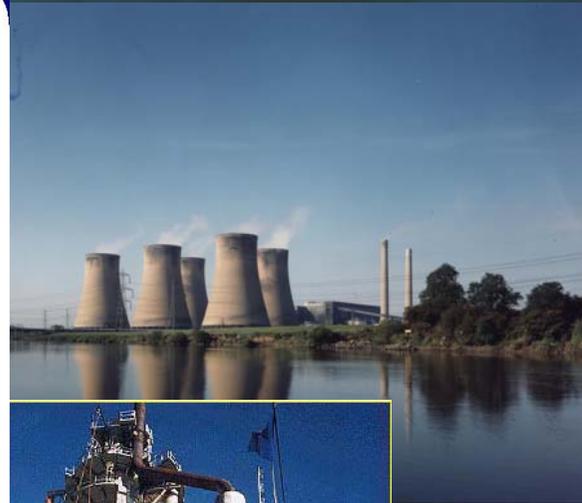


CEMS / AMS Portable Calibrator





The CEMS Calibrator is supplied in a back pack for ease and safe use on plant.

The pack also contains spare syringes which can be pre-charged for extended calibrations



Display and Control

Quick release mechanism for syringe Changing

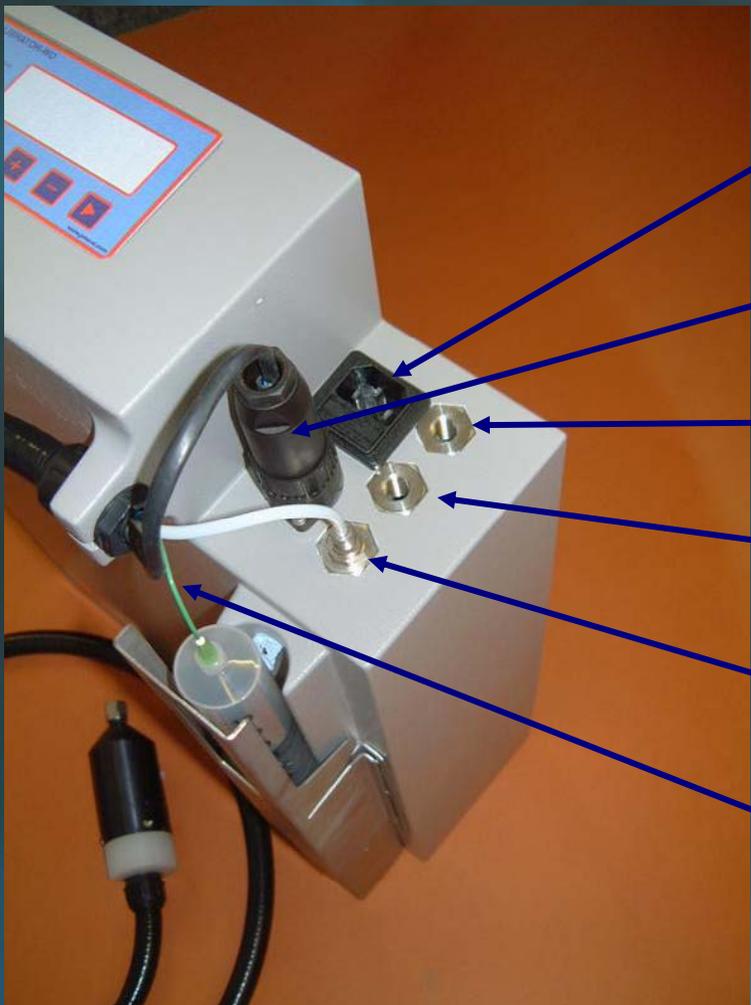
Syringe

Syringe Viewing Window

Case – Polyurethane

Umbilical

Micro Vaporiser



Mains 110V / 240V

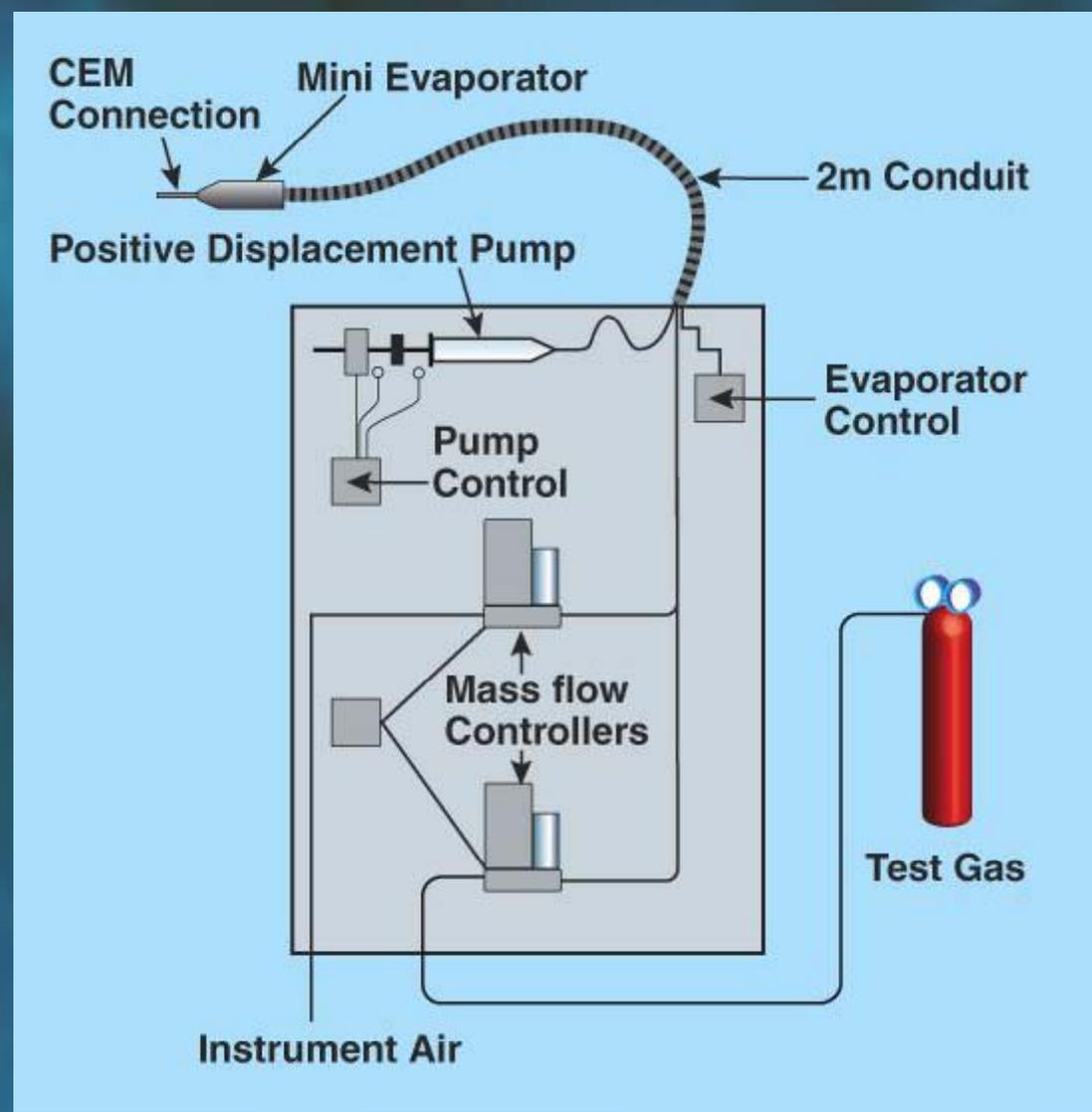
Vapouriser Power / Control

Instrument Air Inlet 1/8" BSPF

Test Gas Inlet 1/8" BSPF

Diluent / Test Gas Mixture Feed

Capillary – Water Feed



Simple & Intuitive HMI

CALIBRATOR-WD

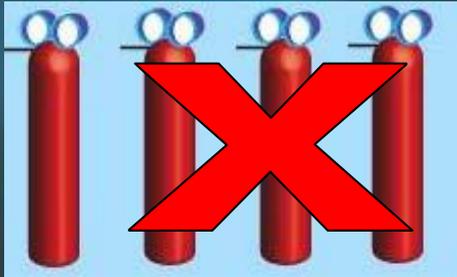
EVAPORATOR

PUMP

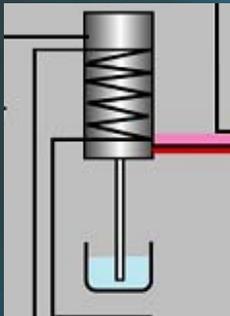
10% Water Vapour
252 mg/m³
150° C Evaporator

www.procal.com

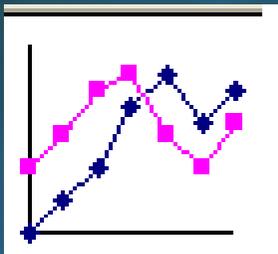
Benefits – CEMS Calibrator



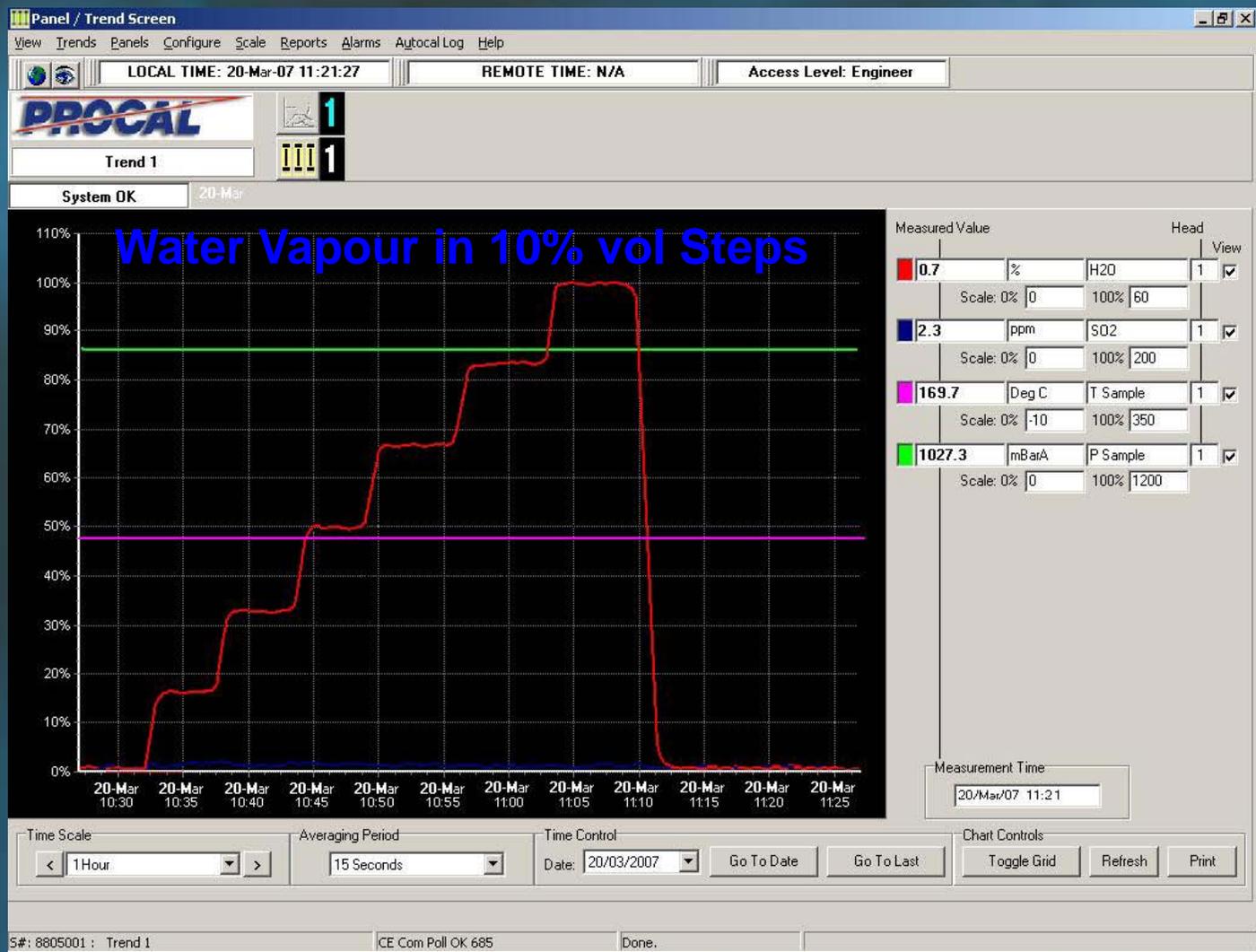
Reduce the number of test gas cylinders required for linearisation tests



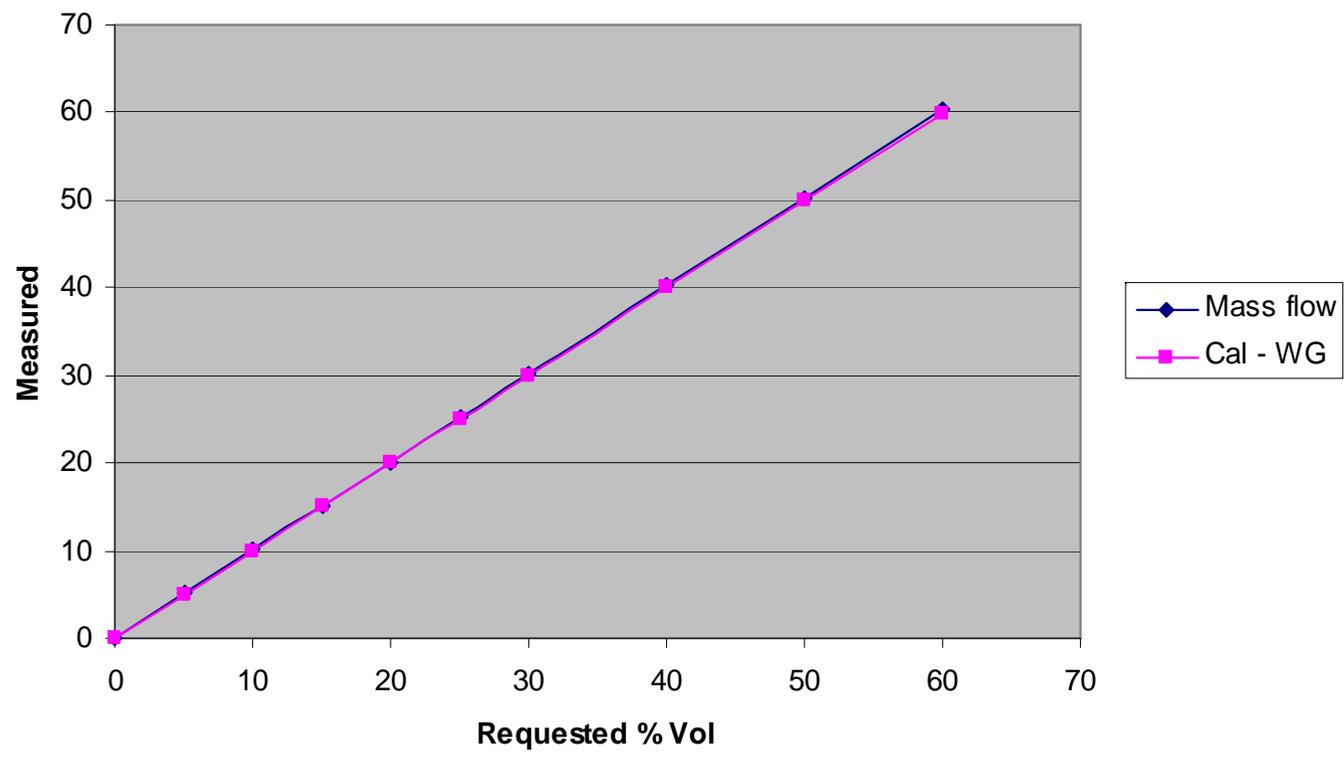
To verify that water removing equipment used on extractive systems does not remove any of the soluble gas from the sample



Check water vapour cross sensitivity – enabling corrections



Comparison Mass Flow Water Vapour Generator - Calibrator WG



Three Models

Calibrator – D

Test Gas Divider – Ideal for linearisation tests

Calibrator – W

Water Vapour Generator – Enables on line calibration of water vapour ranges and cross sensitivity verification

Calibrator – WD

Water Vapour Generator / Test Gas Divider – Combined unit enables humidification of test gas

Specification

General

Supply	110V / 240V 50/60 Hz
Power	260 w Max
Air Supply	Instrument Air Max 5 l/min at 1 bar g minimum
Weight	10 kg
Dimensions	58 cm x 35 cm x 22 cm
Umbilical	2 metres
Connection	To CEM 6 mm tube (others on application)