

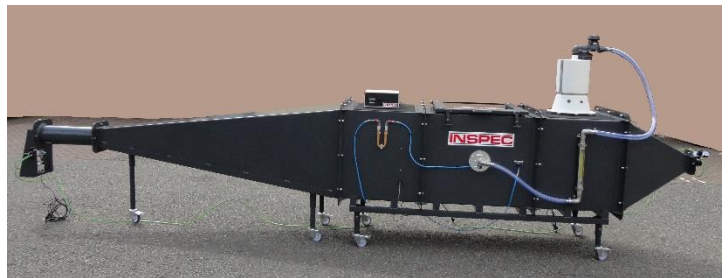
Dolomite dust clogging test equipment

Description

The equipment comprises the chamber, as described in the standards, together with an automatic dust dispenser and air mover to draw air through the chamber.

Also included are an electronic dust deposition indicator, digital manometer a USB data logger and 5kg dolomite dust.

The sample is supported in the dust stream by means of a suitable fixture.



Some additional equipment is required for testing, this is specified in the list of relevant standards.

Services required

Floor mounted

110/230 volts AC, 50/60Hz, mains electricity (specify requirements when ordering)

Instrument quality compressed air, minimum 6bar

100mm diameter exhaust ducting to outside of the building.

Anemometer

Computer

Consumable

The dolomite dust is not reusable, approximately 300g is used during an 8-hour run.

Approximate size & weight

500 x 80 x 105cm, 300kg

Relevant standards

Standard	Use
EN 143	As supplied
EN 149	Requires additional breathing machine & humidifier
EN 405	As supplied
EN 1827	Requires additional breathing machine & humidifier
EN 12941	Requires additional breathing machine & Sheffield Headform
EN 12942	Requires additional breathing machine & Sheffield Headform
EN 13274-8	Requires additional breathing machine & humidifier for some methods
EN 14387	As supplied