

ANEMOMETER

POSSIBLE MEASURING WIND



Speed 1 - 15 metre/second

ANEMOMETER consists of a small fan or air turbine set at an angle of 40° to 45° to the direction of Air Flow which rotates the vanes at a speed proportional to the air velocity. The shaft or spindle actuates, through gearing, a series of pointers on the dial face of the meter, so indicating the distance in meters travelled by air in a given time. A clutch is fitted to enable the dial pointers to be put in or out of gear as required.

Anemometer supplied by 'NMC' has got one large dial and three small dials. The large dial is marked off into 100 divisions, each representing 1 metre of air travel. The smaller dials are marked of into 10 divisions.

RANGE 0 -1,00,000 metres.

Possible measuring wind speed 1 - 15 metre / second.

The air velocity can be calculated by dividing the reading obtained thro' pointers by the time recorded in the stop watch.

There is a key which can be engaged at the back of the dial and the pointers of smaller dials can be brought to zero.

NMC VENTILATION INSTRUMENTS

ANEROID BAROMETER

Is available in 100 mm (4") size and can be used for the measurement of the atmospheric pressure.



PORTABLE INCLINED MANOMETER Are useful for Pressure Survey in U/G Mines

These manometers are well type with single limb indication. 'NMC' Inclined Manometer can be swivelled in 4 positions - 1 in 20, 1 in 10, 1 in 5 & vertical. Maximum limit of pressure measurement is 250 mm Wg.



KATA THERMOMETER

With the help of Kata Thermometer cooling power can be determined. It is supplied complete with a muslin cover and a carrying cylinder.



PITOT STATIC TUBES

Constructed accurately from suitable material, these Pitot tubes employ the latest principles in their construction.

Range of Pitot tubes available : (a) 0.30 M. (b) 0.50 M. (c) 1.00 M. (d) 1.20 M. (e) 1.50 M. Possible measuring range 0-25 metre/seconds in conjunction with suitable Manometer.



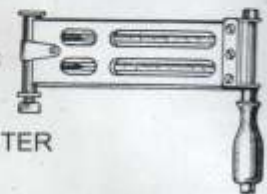
STOP WATCH

INDIAN/SWISS make-least count 1/5 secs. or 1/10 seconds.



HYGROMETER

(a) 'NMC' WHIRLING HYGROMETER permits accurate determination of relative humidity. The instrument is supplied in a carrying case.



(b) ASSMAN PSYCHROMETER is also available.

SAMPLING TUBES

'NMC' Sampling tubes are manufactured from Corning glass and are available with 2 way stopcocks or 3 way stopcocks. Range is 150 cc, 250 cc. and 500 cc. Other sizes are available on request.



WINCHESTER BOTTLE

Winchester Sampling Bottles are available in 1 Ltr. 2 Ltrs. & 3 Ltrs. sizes.



GAS ANALYSIS APPARATUS:

- (a) Haldane
- (b) Graham Lawrence.

ANEMOMETER REPAIRING CAN BE UNDERTAKEN ELECTRONIC VELOMETER ALSO AVAILABLE



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