

**TECHNICAL SPECIFICATIONS FOR DIGITAL VANE TYPE ANEMOMETERS**

**QUANTITY REQUIRED:10 SETS.**

1.	Display	4 digits LCD display 10 mm character height minimum digital anemometer instrument / readout.
2.	Air velocity measurement range:	0.3 to 25.0 m / sec
3.	Accuracy	$\pm 0.25\%$ F.S plus $\pm 0.75\%$ or $\pm 1\%$ of reading $\pm 1$ digit of reading.
4.	Resolution of the instrument	shall be 1 Ft/mt., also readable equivalent value in m/sec.,
5.	Vane / windmill	Suitable for the instrument shall be supplied. Size of the vane Minimum 70 mm diameter
6.	Extension rods for measurement at different levels	Detachable / telescopic extension rods for mounting the vane are required. Maximum length of all the rods assembled together (maximum distance of measurement) shall be 1200 mm. If telescopic type of probe is offered then provision for locking the extended length shall be provided
7.	Signal cable	Length of the signal cable from vane to the instrument shall be 2 meters.(coiled coil type cable not acceptable)
8.	Auto power off facility	Provision for auto power OFF in customizable time interval shall be provided.
9.	Carry case	The instrument shall be supplied in suitable foam lined hard plastic carrying case for safe handling of the instrument.
10	Spares	5 sets of vanes required.
11	Calibration	The anemometer shall be calibrated and a certificate shall be provided.
12	Guarantee / warranty	Required for 12 months. Certificate shall be furnished.
13	User manual	An extensive user manual shall be supplied along with the instrument.
14	Accessories	The list of standard accessories shall be provided. The list of optional accessories along with quantity required per instrument and rate shall be separately indicated
Hotwire type probes are not acceptable.		

