NQ-I 型能见度测量仪

概述

NQ-1 型能见度测量仪是采用先进光电探测技术、微机及通讯技术对大气能见度进行准确有效测量的仪器。它采用前向散射原理对大气光学视程进行测量，可连续测量所选场所的盛行能见度。其工作性能稳定、测量精度高、安装维护方便，可广泛应用于气象、环保、交通等领域 。采集器具有 RS-232、RS-485 双通讯口,可组网观测；采集器存储容量为 128MB，可存储 40 天分钟数据和小时数据。能见度传感器测量范围可根据用户要求分别设定在 10、16、20、30、50 公里。系统采用交流供电蓄电池后备，无市电时可工作 12 小时。耐盐雾，可在沿海地区使用。

主要技术指标

测量范围：6~16000 米（或 6~50000 米可设）
测量精度：±10%（≤60m 误差±6m）
电　　源：交流 220V ±10%
工作温度：-35~55 ℃
抗风强度： ≤ 60m/s
通　　讯：RS-232/RS-485/GPRS/CDMA 任选

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NQ-I Visibility Observing Apparatus

Summary

NQ-I visibility observing apparatus is the instrument using advanced electro-optical detection technology, computer and communications technology to measure the visibility of the atmosphere accurately and effectively. It uses a forward-scattering theory for atmospheric optical visual range measurement, which can measure the prevailing visibility of the selected sites continuously. The instrument is stable performance, high precision, easy to install and maintain, so it's widely used in meteorology, environmental protection, transportation and other fields. Collector has RS-232 and RS-485 two communication ports, ensure network observation. Collector, with storage 128MB, can store 40 days minute data and hours data. Visibility sensor measuring range can be set according to user requirements in the 10, 16, 20, 30, 50 km. Battery backup AC power supply system, when there is no electricity working for 12 hours. With the function of salt spray resistance, the equipment can be used in coastal areas.

Main technical index

measuring range:	0~16000m
measurement accuracy:	±10% (±6m, ≤60m)
power voltage:	AC220V ±10％
working temperature:	-35~55℃
max wind strength:	60m/s
communication method：	RS-232/RS-485/GPRS/CDMA all available