

Plant meteorologicalinstruments.co.in / kaizenimperial.in / kaizenimperial.co.in Canopy Analyzer



Plant Canopy Analyzer

Company Profile

KAIZEN IMPERIAL is a renowned business entity engaged in Manufacturing, Supplying and Exporting of Scientific and Laboratory Equipments. Our wide range of Scientific and Laboratory Equipments is widely accepted among the clients and caters solutions to the needs of various industries such as chemical industry, pharmaceuticals, etc. Our range includes Laboratory Instruments, Hydrological Instruments, Meteorological Instruments, Soil Testing Instruments, Plant Testing Instrument, Petroleum Testing Instruments and Sensors. Our equipment is known for its distinctive features such as reliability, easy operation, durability and high performance among the clients across the globe.

We are supported by a diligent team of workforce that help us in developing a proven range of products. Further, these products are

carefully checked by our quality controllers on different parameters of quality in order to match the high industrial standards. Today, we have been identified as a reputed Manufacturer and Exporter of general laboratory instruments and soil testing instruments.



Plant Canopy Analyzer

This system offers convenient and flexible tools for measuring and analyzing incident and transmitted Photo synthetically Active Radiation (PAR) in Crop and Forest canopies. It provides vital information about the penetration of PAR into crops and forest , and is essential in work such as comparative crop studies, for separating out the effects of cultivars and treatment. It is particularly well suited to low regular canopies (as found in many agricultural crops). It can be used in most light conditions. The sensor probe has an array of 10 PAR sensors embedded in a 1m long probe, and is connected handheld Data logger. One PAR Sensor is also connected with data logger for reference incoming radiation. When a reading is taken, all sensors are scanned and the measurements transmitted to the data logger. The average light level along the probe is calculated. further you can download data from data logger to a computer (USB Port) with the help of (PC Interface Software).

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