

# P11

PORTABLE VIS SPECTROPHOTOMETER

Portable Spectrophotometer

P11



**The P11 is an extremely compact and portable user friendly spectrophotometer designed for field measurement and laboratory analysis.**

It can provide all of the traditional functions of a laboratory based spectrophotometer such as Photometric, Spectral scanning, Kinetic and Quantitative measurement modes. The instrument has a dynamic memory space to allow internal storage of up to 100 spectra or calibrations.

The P11 incorporates a touch screen display offering a clear visual interface. RS-232 connectivity allows the transfer of measurement data and methods from the instrument to a PC, where measurement data can be interpreted, stored and reports can be generated.

#### **FEATURES & FUNCTIONS**

- 1.5kg weight allowing mobility and hand held operation.
- Microsoft Windows® embedded operating system.
- Integrated clock, storage, power supply management.
- Dynamic memory space for up to 100 spectra or calibrations.
- Long life battery and power management system with real time monitoring of battery voltage, low power and charging status all visibly indicated.
- Optional car adaptor for recharging or continued use.
- Durable, industrial carry case and associated accessories.

# P11 continued



## OPTICAL SYSTEM & COMPONENTS

The P11 uses a polychromatic optical system offering high resolution scanning for fast acquisition of spectral data. The P11 optical design incorporates a CCD (Charge Coupled Device) linear image sensor with a fixed holographic grating and a tungsten halogen light source for measurements in the visible spectra.



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