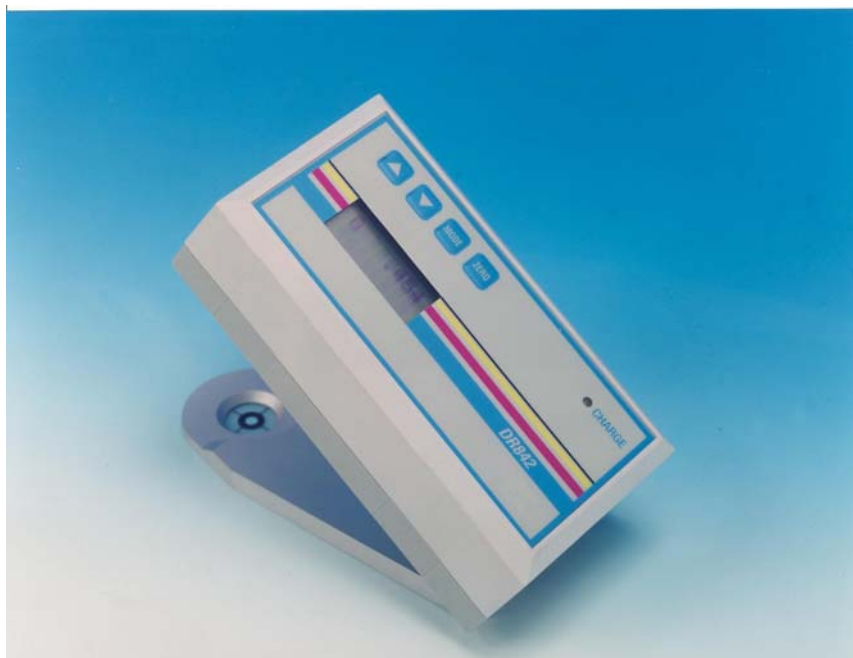


## Colour Reflection Densitometer

Ref: DR842 Series



### INTRODUCTION

With the latest in technology this compact lightweight instrument offers innovative quality control solutions to any printing process.

The instrument's digital processing power combined with its 14-bit converter provides exceptional accuracy and repeatable measurements. Incorporating an illumination system consisting of 9 LEDs, each covering a band of colour it entirely eliminates inconsistencies caused by filters and lamp ageing whilst still meeting the requirements of ISO CD14981. 4 versions available, E or T, with or without polarizing filter

### FEATURES

- Easy to calibrate on certified reference table.
- Versatile: zeroing on white paper, auto colour, density and  $\Delta$ density, grey balance, % dot/area, automatic function, possibility to display density with 3 decimals.
- Low energy consumption achieved by a micro-controller: >20,000 measurements/charge.
- Standard package: Instrument, calibration table, RS232 serial interface, AC adaptor/charger, operating manual, carrying case.

### PERFORMANCE

- Measuring area:  $\varnothing$  3.5mm, on request:  $\varnothing$  2mm
- Ranges: Density= 0–2.5 D, Dot / area= 0-100%
- Repeatability:  $\pm$  0.010 D, Inter-instrument agreement: 0.020 D

### ORDERING INFORMATION

Ref: DR842E	Densitometer DR842E, without polarizing filter
Ref: DR842EP	Densitometer DR842E, with polarizing filter
Ref: DR842T	Densitometer DR842T, without polarizing filter
Ref: DR842TP	Densitometer DR842T, with polarizing filter

### Sheen INSTRUMENTS

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