



IF IT'S WORTH BUILDING, IT'S WORTH TESTING

# Contents

[www.ele.com](http://www.ele.com)  
+44 (0) 01525 249 200



This wishlist was generated on 17/07/2019, and contains the following Products:

---

23-7150

**Soil Colour Chart Set**

---

25-4047

**50mm Triaxial Cell 1700Kpa with 5 Pressure/ Drainage Ports. Supplied with Two Valves.**

---



## Soil Colour Chart Set

Code: **23-7150**

Product Group: **Soil Colour Charts, Soil Color Charts**

The Munsell Soil Colour Charts is an affordable way to evaluate the type of soil that is present within a given area. The book is set up to allow users to make soil Colour evaluations in the field quickly and easily. The soil classification system that has been developed around the Munsell Colour system is an established and accepted process to assign a soil type. This classification system has been used in the United States for more than 55 years to aid in the management and stewardship of natural resources. Through the use of the Munsell Soil Colour Charts, practitioners from a wide range of professions can share reliable and consistent information about the Colour of soils at a particular site with colleagues anywhere around the world. The Munsell Soil Colour Charts are used by a variety of industries and professions such as universities and high schools, forestry, forensics, environmental and soil science, building and contracting, landscaping, real estate, health departments, geology and archaeology.

## Further Information

The following pages are included in the Munsell Soil Color Charts:

- Munsell 10R Soil Chart
- Munsell 10YR Soil Chart
- Munsell 2.5Y Soil Chart
- Munsell 2.5YR Soil Chart
- Munsell 5Y Soil Chart
- Munsell 5YR Soil Chart
- Munsell 7.5YR Soil
- 10Y - 5GY Colours - Olive greens Soil Chart
- Gley 1 & 2 (2 - Separate Charts) Soil Charts
- Munsell 5R Individual Soil Chart
- Munsell 7.5R Individual Soil Chart
- "New" White Page, 7.5R, 10YR, & 2.5Y

## Specification

Munsell Book of Soil Colour Charts

Durable binder contains 440 Munsell Colour Standards

- Featuring ISCC-NBS Colour names
- Munsell alpha-numeric notation

Colour produced on water resistant substrate

Features Munsell notations for each color providing:

- Value (degree of lightness)
- Hue (Colour)
- Chroma (degree of saturation)

Used with medium, fine-grained, and coarse-grained rocks

Pages are cleanable and can be exposed to standard environmental conditions in the field

Dimensions

- Binder Size 150 mm x 196 mm x 25 mm
- Page Size 111 mm x 184 mm
- Weight 0.9 kg



## 50mm Triaxial Cell 1700KPa with 5 Pressure/ Drainage Ports. Supplied with Two Valves.

Code: [25-4047](#)

Product Group: [Triaxial Cell](#), [Triaxial Cells](#)

- Working pressure up to 1700 kPa
- All round visibility
- Sample sizes 38 to 100 mm diameter
- Rapid assembly and dismantling
- Accepts a range of interchangeable submersible load transducers

This range of precision made triaxial cells has been designed to meet the requirements of the modern soils laboratory. The cells have been treated to minimise corrosion. Particular attention has been paid to the quality of finish between the piston and the head. Final assembly includes the fitting of an O-ring seal and the use of special lubricant to reduce friction to a minimum and eliminate water leakage.

The piston load capacity is designed to accept high horizontal forces which may be present during the final stages of a test. Each cell has five take-off positions drilled in the base for top drainage/back pressure, pore water pressure and bottom drainage. Two no-volume change valves and an anvil for strain gauge/transducer datum are supplied for fitting to the cell.

A feature of these cells is that they all accept a single diameter piston. The internal height is such that a range of submersible load transducers can be fitted without any modification. Each cell will accept a range of base adaptors and various accessories for testing a wide range of specimens

## Standards

BS 1377, ASTM D2850, ASTM D4767, AASHTO T296, AASHTO T297

## Specification

Cell size	50 mm
Max specimen size	50 x 100 mm
Working pressure	1700 kPa
Max piston load	45 kN
Vertical clearance required	380 mm
Horizontal clearance required	155 mm
Weight kg	4