



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

# Contents

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This wishlist was generated on 23/08/2016, and contains the following Products:

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29-3729

**Pocket Penetrometer.**

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29-3729/10

**Adaptor Foot**

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23-7150

**Soil Colour Chart Set**

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88-7510

**Spatula - 6" Length**

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## Pocket Penetrometer.

Code: 29-3729

Product Group: In-situ Testing, Pocket Penetrometer

- Direct-reading scale in tons/sq. ft. and kg/sq. cm.
- Ground and polished stainless steel loading piston.
- Calibrated spring and penetrometer body plated for rust resistance and long life.
- Convenient belt-loop style carrying case.
- Optional Adapter Foot for testing very soft materials.

The Pocket Penetrometer was originally developed for use by field personnel in checking visual classification of soils. Data was compiled on several thousand unconfined compressive strength tests of silty clays and clayey soils against the penetrometer readings to develop the scale.

## Further Information

IMPORTANT: the readings obtained from the pocket penetrometer do not replace laboratory test results due to the fact that a small area penetration test is inherently liable to give misleading results. The instrument should not be used for obtaining foundation design data.

## Specification

Range	0.25 to 4.5 tons/sq. ft. (kg/sq. cm).
Scale Divisions	0.25 tons/sq. ft. (kg/sq. cm).
Load Piston	1/4" (6 mm) diam.; stainless steel.
Carrying Case	Canvas; belt-loop style.
Dimensions	3/4" diam. x 6-3/8" l. (19 x 162 mm).
Weight	Net 7 oz. (198 g).



## Adaptor Foot

Code: [29-3729/10](#)

Product Group: [Pocket Penetrometer](#)

1" (25.4 mm) diam.

Increases piston area 16 times for testing on soft materials.

## Further Information

The Pocket Penetrometer does not replace field and laboratory testing analysis



## Soil Colour Chart Set

Code: **23-7150**

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

The Munsell Soil Color 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 color evaluations in the field quickly and easily. The soil classification system that has been developed around the Munsell color 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 Color Charts, practitioners from a wide range of professions can share reliable and consistent information about the color of soils at a particular site with colleagues anywhere around the world. The Munsell Soil Color 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 Colors - 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 Color Charts

Durable binder contains 440 Munsell Color Standards

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

Color produced on water resistant substrate

Features Munsell notations for each color providing:

- Value (degree of lightness)
- Hue (color)
- 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



## Spatula - 6" Length

Code: [88-7510](#)

Product Group: [Spatulas](#)

6" l. x 1" w. (152 x 25 mm) blade.

## Specification

Handle

Wood.

Blade

Stainless steel.

Weight

Net 2 oz. (56 g).