

AMERICAN CUBE MOLD, INC.

TESTING EQUIPMENT

(330) 558-0044

(330) 558-0055 FAX

***PP-100 *Pocket Penetrometer *PP-100A *Adapter Foot**

OPERATING INSTRUCTION FOR POCKET PENETROMETER

This lightweight direct reading penetrometer gives instant information for classification of soils on site or in the lab. The operation is simple using the following steps:

- Move the ring towards the handle to the lowest reading on the scale. The ring should rest against the lower edge of the instrument handle.
- Hold the top portion of the handle and slowly push the piston into the soil up to the calibration groove located $\frac{1}{4}$ " from the tip.
- Read the unconfined compression strength directly in tons/ft or in kilograms/cm on the low load side of ring closest to top of handle.

The adapter foot is used for very soft soils. The reading should be divided by 16 to obtain the correct unconfined compressive strength of the soil.

To use the adapter foot, grip the handle and push the foot into the soil up to the full thickness ($\frac{1}{4}$ ") of the adapter foot.

****Always refer to ASTM for the latest changes or revisions in this procedure.**

