**INSPEC International Limited**
**56 Leslie Hough Way**
**Salford, Greater Manchester**
**M6 6AJ, United Kingdom**

Tel: +44 (0) 16 1737 0699
Email: equipment@inspec-international.com

# ANSI Lanyard abrasion test equipment

## Description

This equipment consists of a driven drum (partial) to which the lanyard under test is attached before being passed over the specified, hardened, hexagonal steel bar and attached to the specified weight.



The drum oscillates at the specified rate for the number of cycles given in the standard.

The number of cycles can be altered using an adjustable counter.

The position of the hexagonal bar can be adjusted so that all faces can be used for the test.

## Technical specification

Floor mounted
110/230 volts AC, 50/60Hz, mains electricity

The rig is approximately 70cm wide, 46cm deep and 140cm high; it weighs approximately 80 kg.

The rig is designed to operate in the conditions specified by the relevant standards listed below.

Storage conditions should be restricted to 5 to 35°C and <85%RH.

## Consumables

Hardened, hexagonal steel bars of the correct dimensions, hardness and finish will be required. Ten will be supplied with the equipment, additional supplies are available from INSPEC.

## Relevant standards

The equipment is called up in the following standards, or the standards called up by them: ANSI Z359.3:2019 Clause 4.1.1.3, ANSI Z359.13:2013 Clause 4.1.9, ANSI Z359.14:2021 Clause 4.1.8