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Test Report

AS 60529 - 2004,
IEC 60529:2001

**Degrees of Protection provided by
enclosures (IP Code)**

and

DIN 40 050 Part 9: 1993, Road Vehicles Degrees of Protection (IP Code)
**Protection against foreign objects, water and
access Electrical equipment**

Report No: E07/0009

Date of Issue: 13 June 2007

Job No.: 07/0100

Applicant/Customer Name: Rinstrum Pty Ltd
41 Success Street
ACACIA RIDGE QLD 4110

Equipment Details: X320 Electronic Weighing Indicator

Degree of Protection: IP69K

Checked: _____
P. Binnie

Approved Signatory: _____
B. Parmar

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1.0 Description of Apparatus

The X320 electronic weighing indicator is made up of a base and front casing. The base and front casings are manufactured from UV stabilised chemical resistant plastics. The base contains the double O-rings and has two cable entries. The front casing, made of clear food grade material contains capacitive key pad. The unit is mounted by a 304 grade stainless steel mounting bracket, attached to the sides of the weighing indicator.

2.0 Test Specification

The equipment was assessed and tested to AS 60529-2004 and DIN 40 050 Part 9 - 1993 for degree of protection IP69K.

2.1 The following clauses of AS 60529 were applied:

1, 2, 3, 4, 5, 6, 10, 11, 12.1, 12.2, 12.3, 12.3.1, 13.1, 13.2, 13.3, 13.4, 13.6.1, 13.6.2

2.2 The following clauses of DIN 40 050 were applied:

1, 2, 3, 4, 5, 6, 7.1, 7.2, 7.4.1, 7.4.2, 7.4.3, 8.2.

3.0 Summary of Test Results

The equipment complies with the relevant requirements of the standard as listed in Section 2.0 of this report and achieved a degree of protection of IP69K.

4.0 Additional Information

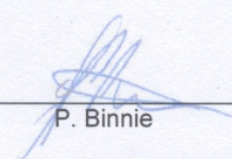
SKINTOP SLM/SLRM Liquid tight non – metallic strain relief connector with metric thread S269 cable glands shall be used in the cable entries into the X320 electronic weighing indicator to ensure that the enclosures maintain a Degree of Protection of IP69K.

5.0 Drawings

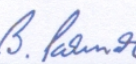
The drawings below were assessed in the course of the preparation of this report and detail the degree of protection characteristics of the electrical equipment in accordance with the standards listed in Section 2.

Drawing No	Drawing Title	Rev	Date
X300-202-140	RINSTRUM X300 PROJECT COMPONENT DRAWING REAR HOUSING Sheet 1 of 2	140	11 OCT 06
X300-201-150	RINSTRUM X300 PROJECT COMPONENT DRAWING FRONT HOUSING Sheet 1	150	1 FEB 07

Checked: _____


P. Binnie

Approved Signatory: _____


B. Parmar