National Measurement Office

Member State of OIML
United Kingdom of Great Britain
and Northern Ireland

OIML Certificate No
R76/2006-GB1-11.01

OIML CERTIFICATE OF CONFORMITY

Issuing authority: **National Measurement Office**

Person responsible: **Paul Dixon – Product Certification Manager**

Applicant: **Atrax Group (NZ) Ltd**
390A Church Street
Penrose
Auckland
New Zealand

Manufacturer: **The applicant**

Identification of the certified pattern: **OP-960+**

This certificate attests the conformity of the above-mentioned pattern (represented by the samples identified in the associated test report) with the requirements of the following Recommendation of the International Organisation of Legal Metrology (OIML):

OIML R 76 - Edition 2006(E) for **accuracy class III**

This certificate relates only to the metrological and technical characteristics of the pattern of the instrument concerned, as covered by the relevant OIML International Recommendation.

This certificate does not bestow any form of legal international approval.

Important note: Apart from the mention of the certificates reference number and the name of the OIML Member State in which the certificate was issued, partial quotation of the certificate or of the associated test report is not permitted, though they may be reproduced in full.

Issue Date: **16 June 2011**
Reference No: **TS1201/0017**

Signatory: **P R Dixon**

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UKAS PRODUCT CERTIFICATION 0135

BIS Department for Business Innovation & Skills

The conformity was established by tests described in the associated test report TR 599 which includes 39 pages and pattern evaluation checklist P00654 which includes 14 pages.

Characteristics of the instrument:

Main features:

The OP-960+ weight indicator is designed to be connected to a load receptor to form a Class III, non-automatic weighing instrument.

The OP-960+ has the following features:

- ABS plastic enclosure
- Monochrome LCD display
- Functions keys
- Connections and ports located at the back

Devices:

- Initial zero-setting (≤ 20% of Max)
- Semi-automatic zero setting device (≤ 4% of Max)
- Zero tracking device (≤ 4% of Max)
- Zero indicator
- indication of stable equilibrium
- Display checking at power-up
- Totalisation function
- Bag counting
- Acting upon significant faults
- Remote operation via computer

Technical characteristics:

Maximum number of scale intervals	3000
Load cell excitation voltage	5 VDC
Minimum load cell impedance	87.5 Ω
Maximum load cell impedance	1100 Ω
Minimum input voltage per verification scale interval	0.5 µV/div
Measuring range minimum voltage	0 mV
Measuring range maximum voltage	40 mV
Fraction of maximum permissible error	0.5
Operating temperature range	-10 / + 40 °C
Load cell connection	6-wire
Load cell cable length (junction box to indicator)	36 m/mm2

Technical data:

The indicator operates directly on a 230VAC supply or via a remote power supply (7.5 VDC). Any compatible CE-marked mains adaptor may be used.

Interfaces:

The instrument may have the following interface type:

- 6-wire load cell connection
- DC voltage input
- RS-232 (passenger panel)
- RS-232 (printer, computer)
- Control inputs/outputs
- USB

Certificate History

ISSUE NO.	DATE	DESCRIPTION
R76/2006-GB1-11.01	16 June 2011	Type approval first issued
-	-	No revisions have been issued.