

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

OIML Certificate No
R76/2006-GB1-17.17

OIML CERTIFICATE OF CONFORMITY

Issuing authority: **NMO**
Person responsible: **Mannie Panesar – Head of Technical Services**
Applicant: **Atrax Group (NZ) Ltd
390A Church Street
Penrose
Auckland
New Zealand**
Manufacturer: **The applicant**
Identification of the certified pattern: **ABS-960+ Baggage Scale**

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 R76 - 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: **04 September 2017**



G Stones
Technical Manager
For and on behalf of the Head of Technical Services



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The conformity was established by testing and examinations described in the associated Evaluation Report P02272 which includes 14 pages.

Characteristics of the instrument:

The ABS-960+ Baggage Scale is a Class III, self-indicating, single interval, non-automatic weighing instrument.

The instrument may be used for direct sales to the public.

Metrological characteristics

Max	300 kg
Min	2 kg
e =	0.1 kg

Construction:

The ABS-960+ Baggage Scale comprises an Operator Panel (OP-960+) connected to a load receptor. A Passenger Panel (PP-950-960) may also be connected via a RS-485 connection.

The Operator Panel has the following features:

- ABS plastic enclosure
- Monochrome LCD display
- 10 operator functions keys
- Connections and ports located at the back

The Passenger Panel has the following features:

- Stainless steel front case
- ABS plastic enclosure
- LED display
- Connection port to the Operator Panel located at the back

The load receptor may be fitted with a motorised conveyor.

Devices:

- Initial zero-setting ($\leq 20\%$ of Max)
- Semi-automatic zero setting device ($\leq 4\%$ of Max)
- Zero tracking device ($\leq 4\%$ 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

Load cell:

The load receptor is fitted with four Anyload load cells model 563YH, $E_{\max} = 500\text{kg}$.

Rated operating conditions:

The indicator operates directly on a 230VAC supply or via a remote power supply adaptor (7.5 VDC).

The temperature range for the instrument is -10 °C / +40 °C.

Software:

The software is designated version 1.01.xx (where xx refers to the identification of non-legally relevant software, which may be modified by the manufacturer), and is displayed at power-up.

Interfaces

The instrument may have the following interface types:

- RS-485 (passenger panel)
- RS-232 (printer, computer)
- Control inputs/outputs
- USB

Sealing:

Access to the electronics and calibration switches is prevented by sealing the Operator Panel enclosure using a tamper-evident method. The load cell connection is sealed using a tamper-evident method.

CERTIFICATE HISTORY

ISSUE NO.	DATE	DESCRIPTION
R76/2006-GB1-17.17	04 September 2017	Certificate first issued.
-	-	No revisions have been issued.