

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

OIML Certificate No  
R76/2006-GB1-14.11

## OIML CERTIFICATE OF CONFORMITY

Issuing authority: **National Measurement Office**

Person responsible: **Paul Dixon – Director, Product Certification**

Applicant: **Mechanica Sistemi srl  
Via G. Dalla Chiesa, 74/76  
20037 Paderno Dugnano (MI)  
Italy**

Manufacturer: **The applicant**

Identification of the  
certified pattern: **OP-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 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: 06 November 2014**  
**Reference No: TS1201/0104**



**Signatory: G Stones  
for Chief Executive**

National Measurement Office | Stanton Avenue | Teddington | TW11 0JZ | United Kingdom  
Tel +44 (0)20 8943 7272 | Fax +44 (0)20 8943 7270 | Web [www.gov.uk/nmo](http://www.gov.uk/nmo)

NMO is an Executive Agency of the Department for Business, Innovation & Skills



The conformity was established by tests described in the associated pattern evaluation report P01378 which includes 13 pages.

### **Characteristics of the instrument:**

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

#### Main features:

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 RS-485 connection.

The Operator Panel has the following features:

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

The Passenger Panel has the following features:

- Stainless steel front face
- 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

#### Metrological characteristics:

Max = 150 kg  
Min = 2 kg  
e = 0.1 kg

Load receptor:

The load receptor incorporates a conveyor and shall be as described in drawings:

- 9010M1830-C rev 00 (Weighing conveyor overall settings/Dimensions)
- 9025M0301 rev 00 (Weighing conveyor belt assembly)

The load receptor is fitted with 4 load cells type 563YH ( $E_{max} = 500$  kg), as described in EC Test Certificate TC8020.

The load receptor shall be permanently installed.

Technical data:

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

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

Software:

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

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

Sealing measures:

The load cell connection and dip-switches at the back of the indicator shall be sealed using a tamper-evident solution.

**Certificate History**

ISSUE NO.	DATE	DESCRIPTION
R76/2006-GB1-14.11	06 November 2014	Certificate first issued.
-	-	No revisions have been issued.