

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

OIML Certificate No
R76/2006-GB1-12.07

OIML CERTIFICATE OF CONFORMITY

Issuing authority: **National Measurement Office**

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

Applicant: **Excell Precision Co., Ltd
6F, No 127, Lane 235
Pao-Chiao Road
Hsin-Tien District
New Taipei City
Taiwan**

Manufacturer: **The applicant**

Identification of the
certified pattern: **FM or FMR indicator**

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.

Issue Date: **02 August 2012**
Reference No: **T1127/0030**



Signatory: **G Stones**

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.

The conformity was established by tests described in the associated test report SN: 1222 which includes 11 pages and pattern evaluation checklist P00910 which includes 13 pages.

Characteristics of the instruments:

Description:

This indicating device is designated the FM or FMR indicator. It is designed to be used as part of a Class III non-automatic weighing instrument. The indicator is self-indicating, mains or battery-powered, and can operate as a single interval, dual interval or dual range instrument.

Construction:

- Processor and converter unit comprising CPU and A/D converter
- Six digit segments LED backlight (FM model)
- Six digit segments LED or LCD digital screen available in various colours (FMR model)
- Operator keypad
- Plastic enclosure
- LED indicators (battery status: charging or charged)

Devices:

- Initial zero setting ($\leq 4\%$ Max)
- Semi-automatic zero setting ($\leq 20\%$ Max)
- Zero tracking ($\leq 4\%$ Max)
- Semi-automatic subtractive tare weighing
- Determination of stability of equilibrium
- Preset tare
- Accumulation
- High-resolution mode (5 sec maximum)
- Unit switch (kg, t)
- Gross, Net, Motion, Accumulation, Preset tare, Weighing range indicators
- Remote operation via RS232/485

Technical characteristics:

The indicator is mains or battery-powered. A mains adaptor supplies 9 V DC to the indicator, any CE-marked adaptor may be used. The battery may be a 6 V DC NiMH rechargeable battery or five 1.5 V batteries.

Interfaces:

- Load cell 4 or 6-wire shielded connection
- RS232 / RS485

Certificate History

Issue No.	Date	Description
R76/2006-GB1-12.07	02 August 2012	Type approval first issued
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