

Member State of OIML
Germany



OIML Certificate N°
R60/2000-DE-02.03

OIML CERTIFICATE OF CONFORMITY

Issuing authority

Name: Physikalisch-Technische Bundesanstalt
Address: Bundesallee 100, D-38116 Braunschweig
Person responsible: Dr. Panagiotis Zervos

Applicant:

Name:	TEDEA HUNTLEIGH International Ltd.	TEDEA HUNTLEIGH Europe Ltd.
Address:	60 Medinat Hayehudim St. Herzliya 46120, Israel	37 Portmanmoor Road Cardiff CF2 2HB, U.K.

Manufacturer of the certified pattern is the Applicant.

Identification of the certified pattern:

Strain-gauge single point load cell

Type: **Model 1250**

Further characteristics see page 2

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 Organization of Legal Metrology (OIML):

R60, edition 2000
for accuracy class C1 to C3,5

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.

The conformity was established by tests described in the associated test reports
N° 1.14-02001085/1-4 (63 pages in total).

The issuing authority



Dr. P. Zervos
Regierungsdirektor

16.07.2002

The OIML member



Prof. Dr. M. Kochsiek
Vizepräsident

17.07.2002

Identification of the pattern (continued)

Load cells of the type Model 1250 are three bending beam load cells. The load cell is made of aluminium alloy. The strain-gauge application is potted.

The metrological characteristics for application in approved weighing instruments are listed in Table 1.

Table 1

Accuracy class			C1	C2	C3	C3,5
Max. number of LC intervals	n_{LC}		1000	2000	3000	3500
Maximum capacities	E_{max}	kg	50 / 75 / 100 / 150 / 200 / 250 / 300 / 500			
Minimum load cell verification interval	V_{min} (E_{max}/Y)		$E_{max} / 3333$	$E_{max} / 6666$	$E_{max} / 10000$	$E_{max} / 10000$

Minimum dead load $0\% \cdot E_{max}$, safe load $200\% \cdot E_{max}$, input resistance 415Ω , fraction $p_{LC} = 0,7$

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