



MINISTERIO
DE CIENCIA
Y TECNOLOGÍA



CENTRO ESPAÑOL DE METROLOGÍA
C/ del Alfar, nº 2 - 28760 Tres Cantos (Madrid)

Member State of OIML
SPAIN

OIML Certificate N°:
R60/2000-ES-03.04

OIML CERTIFICATE OF CONFORMITY

Issuing authority

Name: **Centro Español de Metrología**

Address: **C/ Alfar, 2
E-28760 Tres Cantos - Madrid (Spain)**

Person responsible: **José A. Robles Carbonell
Head of force division**

Applicant

Name: **TRANSDUTEC, S.A.**

Address: **C/ Joan Miró, 11
Sant Adrià del Besòs (Barcelona)
España**

Manufacturer: **TRANSDUTEC, S.A.**
of the certified pattern:

Identification: **Type TPP-4**
of the certified pattern:

Futher 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(s) of the International Organization of Legal Metrology (OIML):

R60
edition 2000 (E)
for accuracy class C
P_i = 0.7

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

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



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The conformity was established by test described in the associated test report
N° CEM-IYO-03/0326-5.1 dated on 9 September 2003, that includes 18 pages.



The issuing authority

Centro Español de Metrología

The OIML member

Ángel García San Román
Director

Date : 9-September-2003

Date : 9-September-2003

Characteristics:

Maximum number of LC verification interval (n_{LC})	3000
Maximum capacity (E_{max})	100, 150, 200, 300, 360, 500 kg
Accuracy class	C
Temperature range	-10 °C / 40 °C
Direction of loading	Shear beam
Input impedance (R_{LC})	386 ohm \pm 2 %
Safe overload, relative	125% E_{max}
Maximum excitation voltage	18 V
Minimum verification interval (V_{min})	$E_{max} / 10000$
Minimum dead load, relative (E_{min}/E_{max})	0 %
Complete load cell classification	C3 ↓

Important note: Apart from the mention of the certificate's 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.