Certificate of Testing

N°: TRA010669CC01A

Palintest Ltd
Palintest House
Kingsway
Team Valley
Tyne & Wear
NE11 0NS

Issue Date: 19th October 2012
Our Ref: TRA-010669-02
Client's Order Number: 10933
Date of Tests: 18th October 2012

Attn.: Mr Kevin McDermott

Specimen(s):

1 Off	Palintest Turbimeter
Part Number:	BETA 18
TRaC Stores Number:	TRA-010669-S1
1 Off	Palintest Turbimeter
Part Number:	BETA 18
TRaC Stores Number:	TRA-010669-S2
Receipt Date:	17th October 2012

Specification: Ingress Protection Testing

Tests in accordance with BS EN 60529:1992

IP6X - Dust Tight

Duration	8 Hours

IPX7 - Temporary Immersion

Depth:	1 metre from lowest face
Duration:	30 minutes

Test Engineer

G. Ball Test Engineer

Approval

S.J. Brown Director

WARWICK
Rothwell Road, Warwick, CV34 5JX, UK.
T +44 (0)1926 478478 **F** +44(0)1926 478479 **E** test@tracglobal.com
www.tracglobal.com

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Procedure: IP6X - Dust Tight

Prior to testing the specimen, TRaC Stores Number TRA-0106769-S1, was connected to a vacuum pump, pressure indicator and flow meter to calculate the test duration. The specimen was then placed in the dust chamber, and re-connected to the vacuum pump to provide a vacuum no greater than 20 mbar below laboratory ambient pressure during the test, as shown in Figure 1. The test was carried out in accordance with the specification for a period of 8 hours.

IPX7 - Temporary Immersion

The specimen, TRaC Stores Number TRA-0106769-S2, was immersed in water such that its lowest point was at a depth of 1 metre for a period of 30 minutes, as shown in Figure 2.

Results: IP6X - Dust Tight

After testing the specimen, TRaC Stores Number TRA-0106769-S1, was removed from the dust chamber for internal inspection. . No dust was found, as shown in Figure 3.

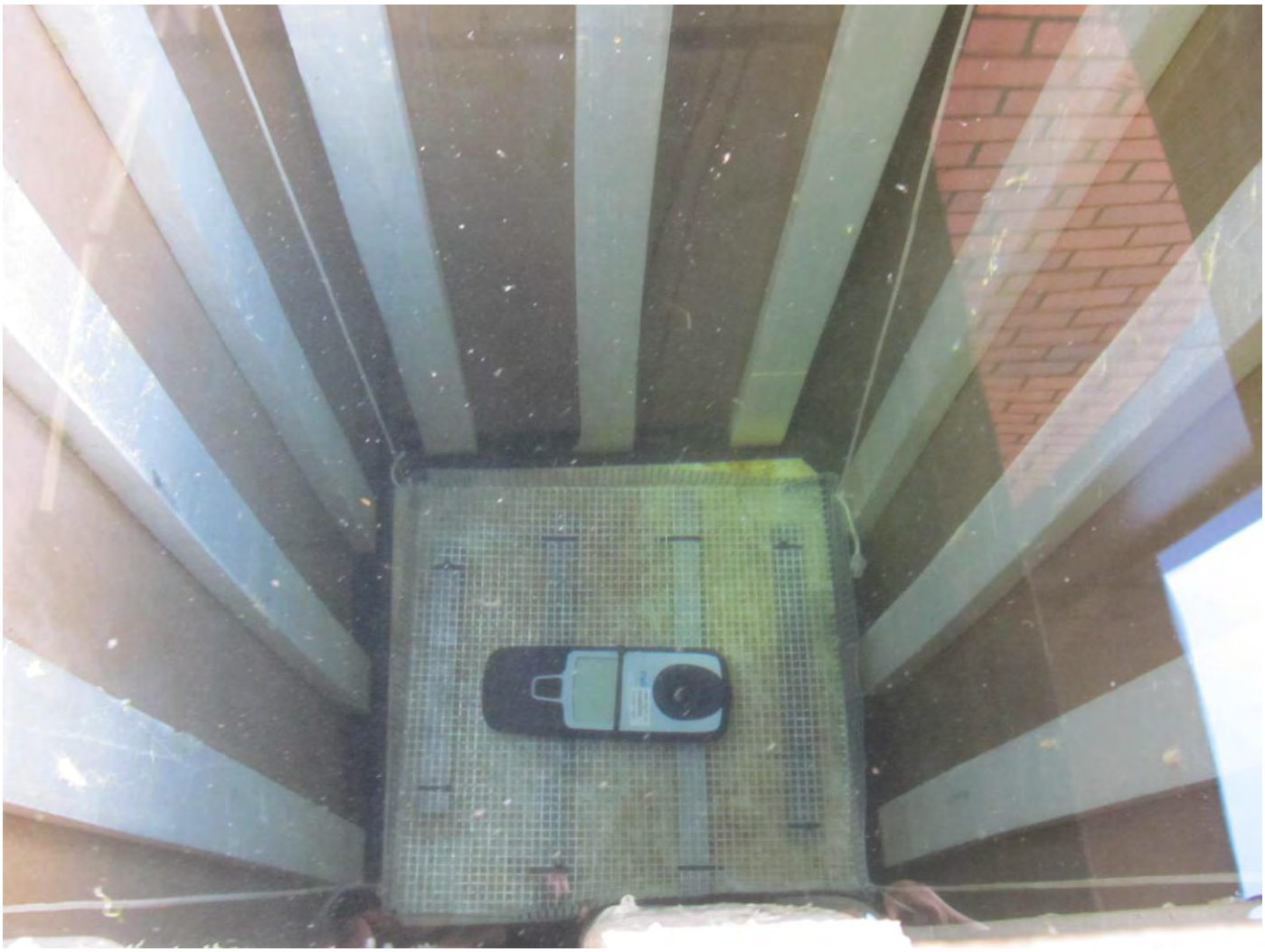
The specimen TRaC Stores Number TRA-0106769-S1 therefore satisfies the requirements of BS EN 60529: 1992 IP6X.

IPX7 - Temporary Immersion

After testing the specimen, TRaC Stores Number TRA-0106769-S2, was dried externally before being inspected internally. No water was found, as shown in Figure 4.

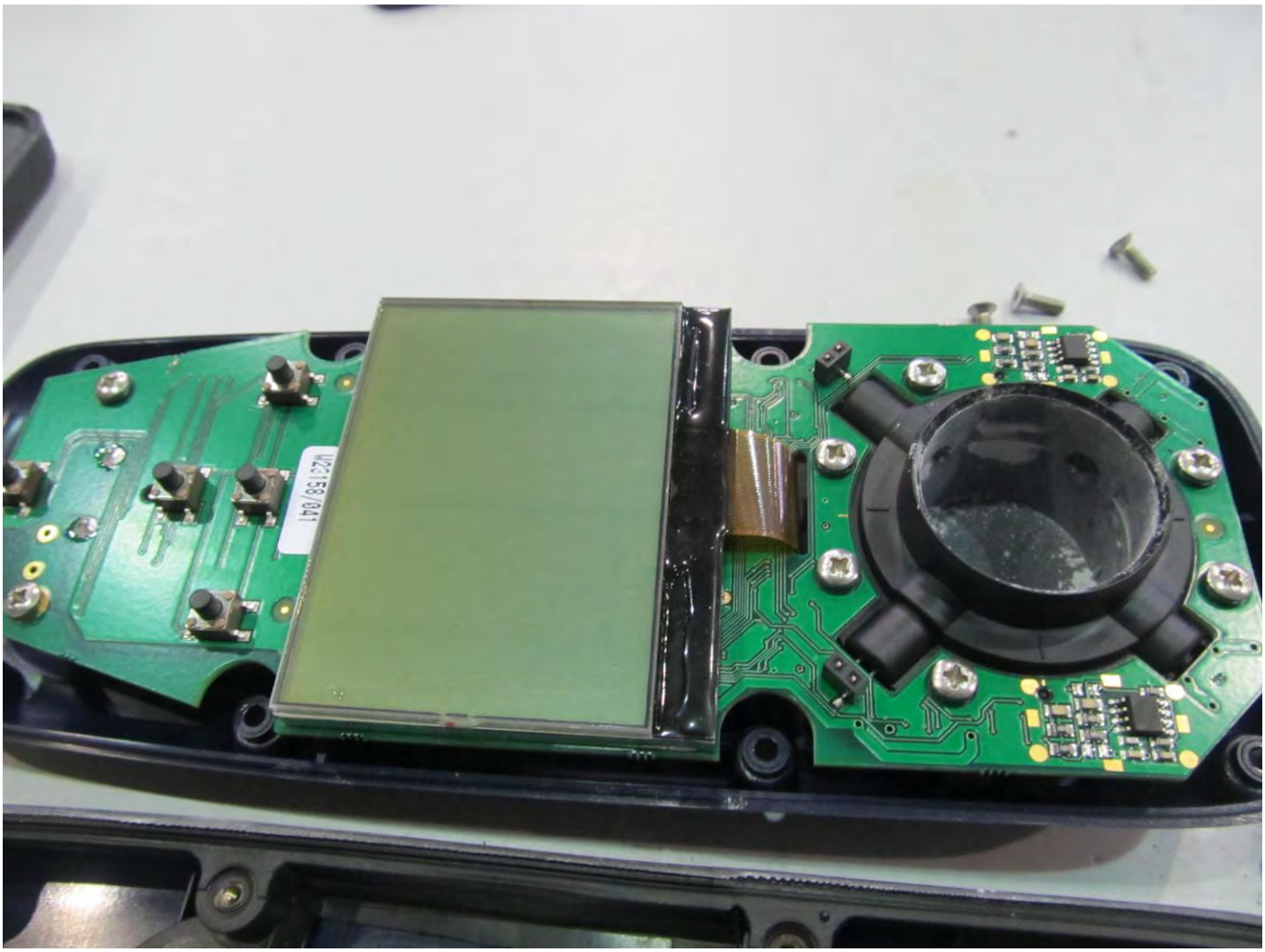
The specimens TRaC Stores Number TRA-0106769-S2 therefore satisfy the requirements of BS EN 60529: 1992 IPX7.

SPECIMEN TRAC STORES NUMBER TRA-0106769-S1 IN DUST CHAMBER AFTER TESTING
FIGURE 1



SPECIMEN TRAC STORES NUMBER TRA-0106769-S2 UNDERGOING IMMERSION TEST

FIGURE 2



INTERNAL INSPECTION AFTER DUST TEST

FIGURE 3

INTERNAL INSPECTION AFTER IMMERSION TEST

FIGURE 4