

# TRANSCAT<sup>®</sup> CERTIFICATE OF CALIBRATION

Trust in every measure

**Customer:** DIGIPAS  
200 SPECTRUM CENTER DRIVE  
SUITE 300  
IRVINE, CA 92618

**PO Number:** ED26C



## Certificate/SO Number: 1-B5X9X-40-1 Revision 1

**Manufacturer:** DigiPas USA  
**Model Number:** DWL1500XY  
**Description:** Digital Level  
**Serial Number:** 13A00426  
**ID:** NONE

**As-Found:** In Tolerance  
**As-Left:** In Tolerance

**Calibration Date:** Feb 09, 2018

**Calibrated To:** Manufacturer Specification  
**Calibration Procedure:** 1-AC80074-2

Transcat Calibration Laboratories have been audited and found in compliance with ISO/IEC 17025:2005. Accredited calibrations performed within the Lab's Scope of Accreditation are indicated by the presence of the Accrediting Body's Logo and Certificate Number. Any measurements on an accredited calibration not covered by that Lab's Scope of Accreditation are listed in the notes section of the certificate. SCC, NRC, CLAS or ANAB do not guarantee the accuracy of an individual calibration by accredited laboratories.

Transcat calibrations, as applicable, are performed in compliance with the requirements of the Transcat Quality Manual QAC-P01-000 Revision 1.0, the customer's Purchase Order and/or Quality Agreement requirements, ISO 9001:2008, ANSI/NCSL Z540.1-1994 (R2002). Complete records of work performed are maintained by Transcat and are available for inspection. Laboratory standards used in the performance of this calibration are listed below.

Transcat documents the traceability of measurements to the SI units through the National Institute of Standards and Technology (NIST), or the National Research Council of Canada (NRC), or other national measurement institutes (NMI) that are signatories to the CIPM Mutual Recognition Arrangement, or accepted fundamental and/or natural physical constants, or by the use of specified methods, consensus standards or ratio type measurements. Documentation supporting traceability information is available for review upon written request at a Transcat facility. The measured quantity and the measurement uncertainty are required for further dissemination of traceability.

Uncertainties are reported with a coverage factor  $k=2$ , providing a level of confidence of approximately 95%. All calibrations have been performed using processes having a TUR of 4:1 or better (3:1 for mass calibrations), unless otherwise noted. The Test Uncertainty Ratio (TUR) is calculated in accordance with NCSL International RP-18. For mass calibrations: Conventional mass referenced to 8.0 g/cm<sup>3</sup>.

The results in this report relate only to the item calibrated or tested. Recorded calibration data is valid at the time of calibration within the stated uncertainties at the environmental conditions noted. The determination of compliance to the specification is specific to the model/serial no./ID no. referenced above based on the tolerances shown; these tolerances are either the original equipment manufacturers (OEM's) warranted specifications or the client's requested specifications. This certificate may not be reproduced except in full, without the written approval of Transcat. Additional information, if applicable may be included on separate report(s).

### Notes:

One or more test points are close to the tolerance limit, however this instrument is not adjustable.

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**As Found/As Left Data**

Description	Setpoints	Accuracy	Low Limit	High Limit	As Found / As Left	O T	TUR
<b>Angle Measure: X-Axis</b>							
Angle Measure	0.000°	±( 0.002 °)	-0.002	0.002	-0.002 °		1.7 : 1
	-0.229°	±( 0.002 °)	-0.231	-0.227	-0.230 °		1.7 : 1
	-0.451°	±( 0.002 °)	-0.453	-0.449	-0.453 °		1.7 : 1
	-1.146°	±( 0.004 °)	-1.150	-1.142	-1.150 °		3.3 : 1
	-1.500°	±( 0.004 °)	-1.504	-1.496	-1.504 °		3.3 : 1
	0.000°	±( 0.002 °)	-0.002	0.002	0.002 °		1.7 : 1
	0.229°	±( 0.002 °)	0.227	0.231	0.230 °		1.7 : 1
	0.451°	±( 0.002 °)	0.449	0.453	0.453 °		1.7 : 1
	1.146°	±( 0.004 °)	1.142	1.150	1.150 °		3.3 : 1
	1.500°	±( 0.004 °)	1.496	1.504	1.503 °		3.3 : 1
<b>Angle Measure: Y-Axis</b>							
Angle Measure	0.000°	±( 0.002 °)	-0.002	0.002	-0.002 °		1.7 : 1
	-0.229°	±( 0.002 °)	-0.231	-0.227	-0.230 °		1.7 : 1
	-0.451°	±( 0.002 °)	-0.453	-0.449	-0.452 °		1.7 : 1
	-1.146°	±( 0.004 °)	-1.150	-1.142	-1.149 °		3.3 : 1
	-1.500°	±( 0.004 °)	-1.504	-1.496	-1.504 °		3.3 : 1
	0.000°	±( 0.002 °)	-0.002	0.002	0.002 °		1.7 : 1
	0.229°	±( 0.002 °)	0.227	0.231	0.231 °		1.7 : 1
	0.451°	±( 0.002 °)	0.449	0.453	0.452 °		1.7 : 1
	1.146°	±( 0.004 °)	1.142	1.150	1.149 °		3.3 : 1
	1.500°	±( 0.004 °)	1.496	1.504	1.503 °		3.3 : 1

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### Traceable Standards

Asset	Manufacturer	Model Number	Description	Cal Date	Due Date	Traceability Number	Use
101131	Regal Beloit	SM1-112	Gage Block Set, 112 pcs.	10-Apr-17	30-Apr-18	15-&101131-2-1	AF/AL
18719	Pratt & Whitney	15 inch	Precision Level, 15 in.	3-Nov-17	31-May-18	1-&18719-2021-1	AF/AL
20914	Brown & Sharpe	701-818	Master Granite Square, 9x18x3 Grade AA	7-Aug-17	31-Aug-18	37340	AF/AL
3037	Starrett	AG11C	Angle Block Set, 11 pcs.	21-Oct-17	31-Oct-19	17-38283-A	AF/AL
3045	Starrett/Webber	Unknown (RD0307)	Gage Block, English, 0.01", 0.02", 0.03", Grade 0	28-Dec-17	31-Dec-18	15-&3045-17-1	AF/AL
3148	Tru-Stone	24 in. x 36 in.	Surface Plate	6-Dec-17	30-Dec-18	1-171207103135	AF/AL

The use of the standard is defined as: AF - used for as-found readings, AL - used for as-left readings.

### Environmental Data

Temperature	Relative Humidity	Temp / RH Asset
68.11°F / 20.06°C	26.80%	3025

**Calibrated At:**  
 35 Vantage Point Dr  
 Rochester, NY 14624

**Facility Responsible:**  
 35 Vantage Point Dr  
 Rochester, NY 14624  
 800-828-1470

**Calibrated By:**

**Electronically Signed By:**  
 Tyler Melnyk

Tyler Melnyk      Feb 09, 2018  
 Calibration Technician      10:44:26 -05:00

**Reviewed By:**

**Electronically Signed By:**  
 Frederick Tank

Frederick Tank      Feb 09, 2018  
 Lab Manager      11:31:25 -05:00

**Unit Barcode:** 0900B220024

**Date Received:** February 05, 2018  
**Service Level:** R6  
**Revised On:** Revised on February 20, 2018

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 Reprinted on February 20, 2018

**Customer Number:** 1-636816-000  
 OPS-F20-013R1 01/23/2017 FP001R1 10/12/2017