Paroscientific, Inc.
4500 148th Ave. N.E.
Redmond, WA 98052, USA
Tel: (425) 883-8700
Fax: (425) 867-5407
www.paroscientific.com

PACKING SLIP # 40594-01
11/24/25

SALES ORDER # 40594

SHIP TO:
UNIVERSITY OF ALASKA FAIRBANKS
SEWARD MARINE CENTER
ATTN: GABE MATTHIAS
201 RAILWAY AVE
SEWARD , AK 99664

BILL TO: 6699
UNIVERSITY OF ALASKA
A/P
PO BOX 730
SEWARD, AK 99664

PO NUMBER.: PH DT: 10/16/2025

ORDER DATE: 10/16/25

FOB.....: REDMOND, WA USA

SHIPPED VIA : FEDEX

SHIP CHARGES: .....

LINE\\PART NBR.....\\PICK..\\WH LOC...\\....\\SHIP.\\REFN\\#BOXES\\WEIGHT
ITEM\\DESCRIPTION.....\\QTY...\\.....LOT\\.QTY\\QTY

1 9777 1 ....
SERVICE DEPT. -- NON WARRANTY REPAIR

INST: MODEL MET4A, P/N 1564-301, S/N 146581.
REPAIR AND CALIBRATE PER SR# 13186.
CUSTOMER INSURES

ECCN: EAR99. NLR. THESE COMMODITIES, TECHNOLOGY, OR SOFTWARE MUST BE EXPORTED IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.
COUNTRY OF ORIGIN: USA

Paroscientific
QA/Shipping
Inspection

11

SHIP FEDEX 2DAY# 222392004

ENCLOSURES AS CHECKED:
1) BILL OF LADING AJ
2) SCD —
3) COEFFICIENTS AJ

PACKAGED BY: 11/24/25

CARTON _____ OF _____

Paroscientific, Inc.

4500 148th Ave. NE
Redmond, WA 98052
Tel: (425) 883-8700 Fax: (425) 867-5407

Service Report Number: 13186

Rev. Initials: CDD **Rev. Date** 11/19/2025

Date Received: 10/9/2025

Company: UNIVERSITY OF ALASKA

Tel: 401-207-6632

Fax/Email: grmatthias@alaska.edu

Serial Number	Part Number	Model Number	Warranty	NCR	Original Zero Date	Customer Comment/ Reason for Return
146581	1564-301	MET4A	☐		8/8/2019	for calibration.

Customer Supplied Box
- ☐ YES
- ☑ NO

External Condition
- ☐ LIKE NEW
- ☑ FAIR
- ☐ POOR

Comments:

Offset Error (ppm): 26

Current Draw (mA): 173

Firmware Version: M3.10

Accessories Returned
- ☐ Cable
- ☐ Manual

Other: none

Pressure Port
- ☐ BLOCKED
- ☐ PARTIALLY BLOCKED
- ☑ CLEAR
- ☐ N/A-ACCELEROMETER

Comments:

Oil Level
- ☐ FULL
- ☐ OIL VISIBLE
- ☐ LOW OIL
- ☐ NO OIL VISIBLE
- ☑ N/A

Elec. Isolation:
- ☐ PASS
- ☐ FAIL
- ☑ N/A

MET Products

RH: 54.37

TEMP: 18.99

Analysis: The exterior surfaces of the unit have debris, paint is chipping and signs of corrosion. There is black tape that covers the LED panel. An incoming functional test was performed. Both RS-232/485 communications were established. The relative error of the pressure sensor was 26ppm when compared to a reference laboratory barometer. The aspirator fan is functional. The unique status setting is MD=8.

Recommendations: Wipe clean unit. Perform zero adjust calibration to the barometer which includes NIST certificate. Return with unique status setting MD=8. $1,500

Revisions: During rezero, it was found the intelligent board needs replaced.
Wipe clean unit. Replace intelligent board.Perform zero adjust calibration to the barometer which includes NIST certificate. Return with unique status setting MD=8.

Date Analysis Completed: 10/9/2025 **Completed By:** M. Hao

*Quotation is valid for one month from the "Date Analysis Completed." Products remaining at Paroscientific after 2 months will be returned and an evaluation fee will be charged for each product.

CUSTOMER COPY

Paroscientific, Inc.
Pressure Instrument Configuration

SN: 146581 Part Number: 1564-301 Model: MET4A Port:

Calibration Date: 21-Nov-25 Report No: 28466 Technician: WMR

Pressure Range: 500 to 1100 hPa Temperature Range: -40 to +60 deg C

Customer: University of Alaska
Address : 201 Railway Ave. P730
Seward, AK 99664 USA

Report Date: 21-Nov-25
Sales Order: 40594
S/R Number : 13186

Configuration

BL: 0	PT: N
BR: 9600	QD: -
DD: -	QO: -
DL: 0	SL: 0
DM: 0	SN: 146581
DO: 0	ST: 10
DP: 6	SU: 0
ID: 01	TI: 666
IM: -	TR: 952
LL: -	TU: 0
LH: -	UF: 1.000000
MC: Y	UL:
MD: 8	UM: user
MN: MET4A	UN: 3
OP: -	US: 0
PF: 1.103161	VR: M3.10
PI: 666	ZI: 0
PL: 19.00000	ZS: 0
PO: 0	ZL: 0
PR: 238	ZV: .000000
PS: 0	

Calibration Coefficients

U0:	5.806784	µsec
Y1:	-4041.64	deg C / µsec
Y2:	-9129.143	deg C / µsec^2
Y3:	0	deg C / µsec^3
C1:	96.48165	psi
C2:	4.277946	psi / µsec
C3:	-106.6632	psi / µsec^2
D1:	0.0340303	
D2:	0.0000000	
T1:	27.79397	µsec
T2:	0.612522	µsec / µsec
T3:	20.86147	µsec / µsec^2
T4:	0	µsec / µsec^3
T5:	0.000	µsec / µsec^4
TC:	0.6781676	
PA:	0.0000000	
PM:	1.0000000	

Met4/Met4A Coefficients

GD: 0	JC: .0000000	LN: 0
GT: 0	JD: .0	LO: 00:00:00
PC: -	JE: 0	LT: .0000000
HY: 2	JF: .0	LW: 0
H1: 20268722	JG: 0	PX: 3
S1: 1.000000	JJ: 0	
S2: 1.000000	JK: 0	
Z1: 0	JS: .0	
Z2: 0	JU: 0	

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Email: support@paroscientific.com

Prepared by

PARO TEST 17

Digiquartz® Technology

Paroscientific, Inc.

Precision Pressure Instrumentation

Certificate of Conformance

Customer: UNIVERSITY OF ALASKA FAIRBANKS

Purchase Order: PH DT: 10/16/2025

Digiquartz® Model: MET4A

Part Number: 1564-301

Serial Number(s): 146581

Paroscientific, Inc. certifies that the part(s) identified above complies with the requirements of the above order and has been manufactured in accordance with engineering drawings, material and process specifications, testing procedures, and applicable specification drawing of Paroscientific, Inc.

The Digiquartz® model(s) identified has been calibrated and tested over the specified pressure and temperature range and meets the requirements of the applicable specification control drawing. Primary pressure, temperature, and transfer standards used at Paroscientific, Inc. for calibration and testing have traceability to the National Institute of Standards and Technology (NIST) and the SI through a National Metrology Institute, ratiometric techniques, or natural physical constraints and are regularly checked and calibrated according to Paroscientific quality procedures and in accordance with the requirements of ISO 9001:2015.

Paroscientific
QA/Shipping
Inspection

11

Quality Assurance
Shipping Inspection Stamp

Date: 11/24/2025

(425) 883-8700 4500 148th Ave. NE, Redmond, WA 98052 support@paroscientific.com

Paroscientific, Inc.

Precision Pressure Instrumentation

Certificate of Traceability

Primary pressure and temperature standards used in the calibration and testing of Paroscientific Digiquartz® models have traceability to the National Institute of Standards and Technology and to the SI through the documentation below.

Calibration Instruments:

Bell and Howell Primary Pressure Standard:

Bell and Howell, Model 6-201-0001, Piston/Cylinder P2-919/C2-1523 via DH Calibration Report No. 15441, 16653 and 1500190591. Weight Set 1, P/N 6-002-0002, via DH Calibration Report No. 14481, 16654, 1284473284 and 1500190311. Weight Set 2, P/N 6-002-0002, via DH Calibration Report No. 31227, 39628, 68390, 1317389777, 1500156263, 1500195122 and 1500238176-1. Piston/Cylinder P2-d652/C2-1378 via DH Instruments Calibration Report No. 31226, 39627, 68389, 1317739617, 1500156259, 1500195119 and 1500238175. Piston/Cylinder P1-231/C1-384 via DH Instruments Calibration Report No. 13170 and 1284475131. Piston/Cylinder P/N 6-201, No. P1-949/C1-922, via DH Instruments Calibration Report 17176 and 17445.

DH Primary Pressure Standard, Oil Operated Gauge:

DH Instruments, Model 5306, Piston/Cylinder S/N 3375, via DH Calibration Certificate Report No. 32354, 45306, 66563, 1305698573, 1500163455 and 1500217726. Piston/Cylinder 3511 via DH Calibration Report No. 32353, 45307, 66562, 1305625084, 1500163363 and1500217811. Mass Set S/N 2032 via DH Calibration Report No. 45305, 45308, 1305538925, 1305530461, 150016339, 1500163394 and 150021768.

DH Primary Pressure Standard, Pneumatic Operated Gauge:

DH Instruments, Model 5203, Piston/Cylinder S/N 4845, via DH Calibration Certificate No. 38275, 1300177141, 1500162809 and 1500217494. Mass Set S/N 2032/3293 via DH Calibration Certificate No. 45305, 1300200369, 1500162832 and 1500217766.

DH Primary Pressure Standard, Pneumatic Operated Gauge:

DH instruments, Model PG7601 via DH Instruments Calibration No. 69127, 1500172365 and 1500278487. Piston/Cylinder S/N 305 via DH Instruments Calibration No. 69125, 1500172367, 1500278543. DH Instruments 35 kg Mass Set No. 2052 and Bell No. 261A via DH Instruments Calibration Report No. 69126, 69124, 1500172362, 1500172363, 1500277884 and 1500277905.

Hygroclip S3 MET4/4A Part number 1560-XXX and 1561-XXX:

Humidity and Temperature calibrations are traceable to NIST through Rotronic Instrument Corporation; 160 E. Main Street, Huntington, NY 11743.

Hygroclip HC2-S3 MET4/4A Part number 1563-XXX and 1564-XXX Swiss Calibration Service (SCS)

Humidity and Temperature calibrations are traceable to SCS through Rotronic AG Grindelstrasse 6 8303 Bassersdorf Phone: 044-838-1111 E-mail: info@rotronic.ch

Paroscientific, Inc.

Precision Pressure Instrumentation

Certificate of Calibration

Digiquartz® Model: MET4A

Serial Number(s): 146581

The Paroscientific Digiquartz® model identified above has been calibrated and tested with one or more of the following primary pressure standards. All have traceability to the National Institute of Standards and Technology (NIST) and to the SI.

Bell and Howell Primary Pressure Standard
Pneumatic Absolute or Gauge Dead Weight Tester Part Number: 6-201-0001, S/N 4034 and SN 1014

☐ Piston/Cylinder: 6-001-0002, P2-919/C2-1523
Weight Set 1: 6-002-0002
Range: 1.5 to 50 psi [10 to 345 kPa]
Accuracy: 0.010 percent of reading

☐ Piston/Cylinder: 6-001-0001, P2-949/C1-922
Weight Set 2: 6-002-0002
Range: 0.3 to 5 psi [2 to 34 kPa]
Accuracy: 0.015 percent of reading

☒ Piston/Cylinder: 6-001-0002, P2-652/C2-1378
Weight Set 1: 6-002-0002
Range: 1.5 to 50 psi [10 to 345 kPa]
Accuracy: 0.010 percent of reading

DH Primary Pressure Standard
Pneumatic Absolute or Gauge Dead Weight Tester Part Number: PG7601 S/N 161

☐ Piston/Cylinder: S/N 305, Mass Set: S/N 2052
Range: 0.7 to 50 psi [5 to 345 kPa] absolute mode, 0.29 to 50 psi [2 to 345 kPa] gauge mode
Accuracy: 0.002 percent of reading

DH Primary Pressure Standard
Pneumatic Gauge Dead Weight Tester, Model 5203, S/N 5557

☐ Piston/Cylinder: S/N 4845, Mass Sets: S/N 2032, S/N 3293
Range: 20 to 1600 psi [0.14 to 11 MPa]
Accuracy: 0.005 percent of reading

DH Primary Pressure Standard
Pneumatic Gauge Dead Weight Tester, Model 5306, S/N 3505

☐ Piston/Cylinder: S/N 3375, Mass Sets: S/N 2032
Range: 40 to 20000 psi [0.3 to 138 MPa]
Accuracy: 0.01 percent of reading above 200 psi [1.4 MPa] or 0.02 psi [0.14 kPa] at lower pressure

☐ Piston/Cylinder: S/N 3511, Mass Sets: S/N 2032
Range: 145 to 72500 psi [1 to 500 kPa]
Accuracy: 0.02 percent of reading above 725 psi [5 MPa] or 0.145 psi [1 kPa] at lower pressure

PARO TEST 17

Test Stamp **Date: 11/24/2025**

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