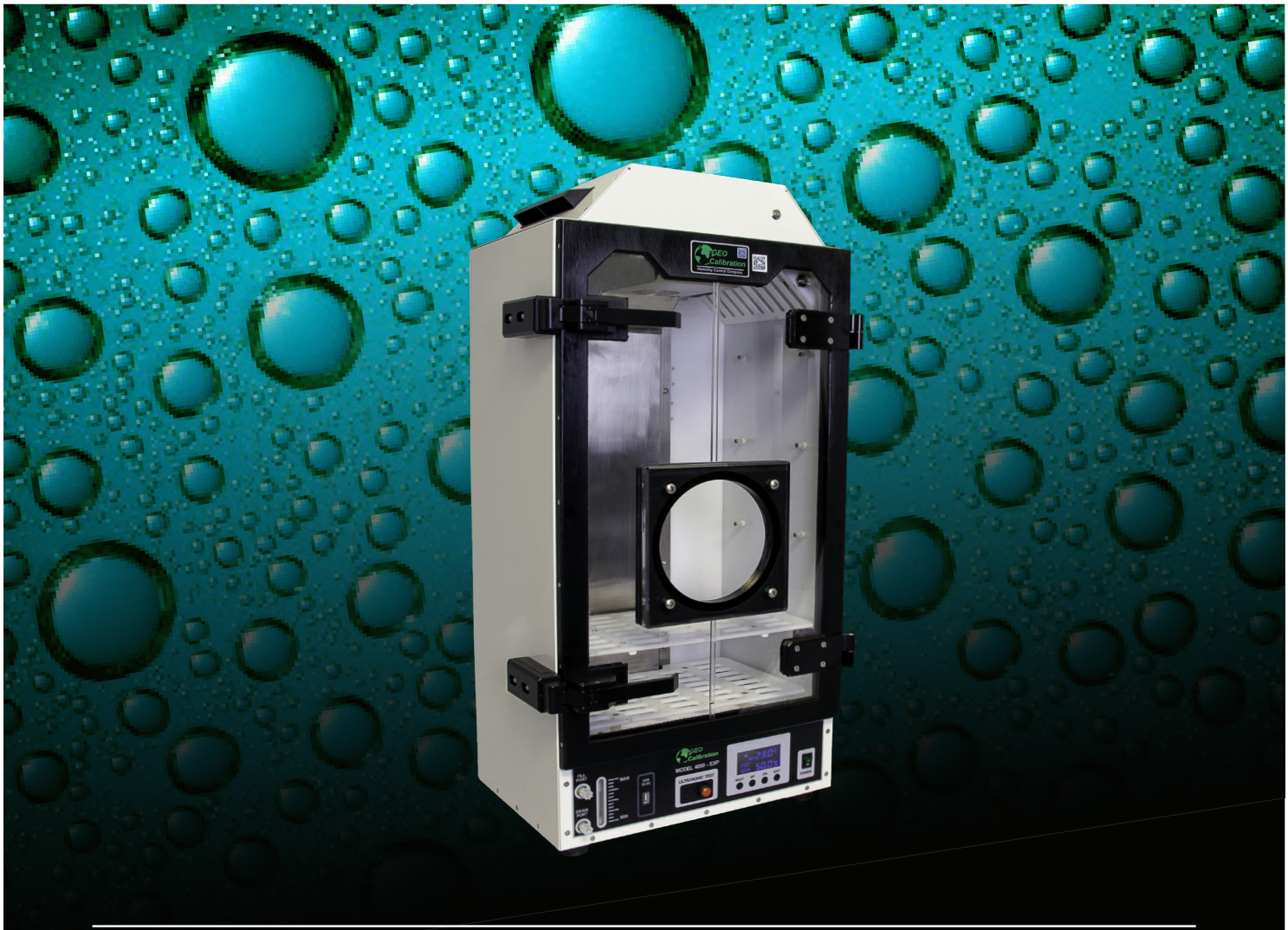

# GEO Calibration

# Model 4000 EXP

원문: Geo Calibration 4000EXP 데이터시트 (영문) · 제조사 원문 자료입니다. 사양은 제조사 사정에 따라 변경될 수 있습니다.

## GENERAL SPECIFICATIONS

| | | | |
|---|---|---|---|
| CALIBRATION | TRACEABILITY | 17025 Traceable to NIST | |
| | PURCHASING | Charged Separately | |
| CONTROLLED RANGE | TEMPERATURE | Ambient +/-5 °C | |
| | HUMIDITY@18 °C | 10 % to 70 % RH | |
| | HUMIDITY@23 °C | 10 % to 90 % RH | |
| | HUMIDITY@28 °C | 10 % to 70 % RH | |
| CALIBRATION SYSTEM ACCURACY | TEMPERATURE | +/- 0.3 °C Or Better | |
| | HUMIDITY | +/- 3.0 % RH Or Better | |
| | CONTROLLER TYPE | PID Controller | |
| UNIFORMITY | TEMPERATURE | 0.3 °C @ 23°C | |
| | HUMIDITY | 3.0 % RH @ 23°C | |
| STABILITY | TEMPERATURE | 0.2 °C | |
| | HUMIDITY | 1 % RH @ 23°C | |
| RESOLUTION | DISPLAY | Temperature | 0.1 °C |
| | | Humidity | 0.1 % RH |
| RAMP / SOAK RATE OF CHANGE | Temperature | High → Low | 1 °C / minute (Typical) |
| | | Low → High | 1 °C / minute (Typical) |
| | Humidity | High → Low | 1 % RH / minute (Typical) |
| | | Low → High | 1 % RH / minute (Typical) |

## CONSUMABLES

| | | |
|---|---|---|
| WATER | RESERVOIR | 600 ml |
| | SPILL RESISTANT | No |
| | REQUIRED FLUID | Distilled Water Only |
| | EST REFILL PERIOD | 1 Week (Typical) *Depends on Usage |
| | FILL INDICATOR | Floating Ball |
| DESICCANT | TYPE | Molecular Sieve |
| | REPLACEMENT | When Indicating Desiccant is 3/4 Used |
| | REPLACEMENT FREQUENCY | Depends Entirely on User Workload |
| | LOCATION | External |
| | FASTENER | Connect with Tube |
| RECALIBRATION | FREQUENCY | Depends on User Uncertainty Requirements |
| | | Once Per Year Recommended |

원문: Geo Calibration 4000EXP 데이터시트 (영문) · 제조사 원문 자료입니다. 사양은 제조사 사정에 따라 변경될 수 있습니다.

## MECHANICAL AND ELECTRICAL

| | | | | |
|---|---|---|---|---|
| BODY ENCLOSURE | Material | Powder Coated Aluminum | | |
| GENERATOR DIMENSIONS | Measurement Type | Depth | Width | Height |
| | Metric | 51.43 cm | 41.76 cm | 83.21 cm |
| | Imperial | 20.25 in | 16.44 in | 32.76 in |
| CHAMBER DIMENSIONS | Measurement Type | Depth | Width | Height |
| | Metric | 20.03 cm | 31.77 cm | 53.41 cm |
| | Imperial | 7.89 in | 12.51 in | 21.03 in |
| CHAMBER ENCLOSURE | Material | Insulated Acrylic | | |
| CAPACITY | | 30 Liters | | |
| WEIGHT | Metric | 28 kg | | |
| | Imperial | 61.75 lb | | |
| POWER SUPPLY | Universal 100 - 260 VAC - 50/60 Hz | | | |
| EXTERNAL INTERFACE | USB | Cable | | |

# Ordering Information

## Standard Supply Package

| | | |
|---|---|---|
| 6 Port Door | External Desiccant Assembly | Fill Syringe |
| 7 Grommets<br>(1/8″,1/4″, 3/8″, 1/2″, 5/8″, 3/4″, 7/8″) | Mains Power Cord | Calibration Documents |

## Accessories

| Doors | Shape | Port Quantity | | Connector Type | | | | Part Number |
|---|---|---|---|---|---|---|---|---|
| | Square | 6-Port Door | | M36 Connectors | | | | 01-001-00-0017 |
| | Round | 6-Port Door | | M36 Connectors | | | | 01-001-00-0018 |
| | Square | 6-Port Door | | Slimline Connectors | | | | 01-001-00-0024 |
| | Round | 6-Port Door | | Slimline Connectors | | | | 01-001-00-0025 |
| Grommets | Port Type | Size (in) | Size (mm) | Part Number | Port Type | Size (in) | Size (mm) | Part Number |
| | M36 | 0.000″ | 0.000 | 01-004-09-0001 | SLIMLINE | 0.125″ | 3.175 | 01-004-09-0020 |
| | M36 | 0.125″ | 3.175 | 01-004-09-0002 | SLIMLINE | 0.250″ | 6.350 | 01-004-09-0021 |
| | M36 | 0.250″ | 6.350 | 01-004-09-0003 | SLIMLINE | 0.375″ | 9.525 | 01-004-09-0022 |
| | M36 | 0.375″ | 9.525 | 01-004-09-0004 | SLIMLINE | 0.500″ | 12.700 | 01-004-09-0023 |
| | M36 | 0.500″ | 12.700 | 01-004-09-0005 | SLIMLINE | 0.625″ | 15.875 | 01-004-09-0024 |
| | M36 | 0.625″ | 15.875 | 01-004-09-0006 | SLIMLINE | 0.750″ | 19.050 | 01-004-09-0025 |
| | M36 | 0.750″ | 19.050 | 01-004-09-0007 | SLIMLINE | 0.825″ | 20.950 | 01-004-09-0026 |
| | M36 | 0.875″ | 22.225 | 01-004-09-0008 | SLIMLINE | 1.000″ | 25.400 | 01-004-09-0027 |
| | M36 | 1.000″ | 25.400 | 01-004-09-0009 | | | | |
| Assorted | Description | | | Part Number | Description | | | Part Number |
| | External Desiccant | | | 01-450-01-0034 | Shelf | | | 01-450-01-0023 |
| | Spring Loaded Accessory | | | 01-450-01-0030 | | | | |

원문: Geo Calibration 4000EXP 데이터시트 (영문) · 제조사 원문 자료입니다. 사양은 제조사 사정에 따라 변경될 수 있습니다.

GEO Calibration

Proudly Made in the USA

2190 Smithtown Ave, Ronkonkoma NY 11779, USA
E: Sales@GeoCalibration.com W: www.GeoCalibration.com T: (631) 471 - 6157

© 2019 GEO Calibration Inc. All rights reserved.

원문: Geo Calibration 4000EXP 데이터시트 (영문) · 제조사 원문 자료입니다. 사양은 제조사 사정에 따라 변경될 수 있습니다.