

## シングルチャンネルモデル

| モ デ ル                       | 測定容量     | GILSON最大許容誤差     |              | ISO 8655最大許容誤差   |              |
|-----------------------------|----------|------------------|--------------|------------------|--------------|
|                             |          | Systematic Error | Random Error | Systematic Error | Random Error |
| <b>P2L</b><br>(FA10001P)    | 0.2 μL   | ± 0.024 μL       | ≤ 0.012 μL   | ± 0.05 μL        | ≤ 0.04 μL    |
|                             | 0.5 μL   | ± 0.025 μL       | ≤ 0.012 μL   | ± 0.05 μL        | ≤ 0.04 μL    |
|                             | 1 μL     | ± 0.027 μL       | ≤ 0.013 μL   | ± 0.05 μL        | ≤ 0.04 μL    |
|                             | 2 μL     | ± 0.030 μL       | ≤ 0.014 μL   | ± 0.05 μL        | ≤ 0.04 μL    |
| <b>P10L</b><br>(FA10002P)   | 0.5 μL   | ± 0.040 μL       | ≤ 0.016 μL   | ± 0.12 μL        | ≤ 0.08 μL    |
|                             | 1 μL     | ± 0.025 μL       | ≤ 0.012 μL   | ± 0.12 μL        | ≤ 0.08 μL    |
|                             | 5 μL     | ± 0.075 μL       | ≤ 0.030 μL   | ± 0.12 μL        | ≤ 0.08 μL    |
|                             | 10 μL    | ± 0.100 μL       | ≤ 0.040 μL   | ± 0.12 μL        | ≤ 0.08 μL    |
| <b>P20L</b><br>(FA10003P)   | 2 μL     | ± 0.10 μL        | ≤ 0.03 μL    | ± 0.2 μL         | ≤ 0.1 μL     |
|                             | 10 μL    | ± 0.10 μL        | ≤ 0.05 μL    | ± 0.2 μL         | ≤ 0.1 μL     |
|                             | 20 μL    | ± 0.20 μL        | ≤ 0.06 μL    | ± 0.2 μL         | ≤ 0.1 μL     |
| <b>P100L</b><br>(FA10004P)  | 10 μL    | ± 0.35 μL        | ≤ 0.10 μL    | ± 0.8 μL         | ≤ 0.3 μL     |
|                             | 50 μL    | ± 0.40 μL        | ≤ 0.12 μL    | ± 0.8 μL         | ≤ 0.3 μL     |
|                             | 100 μL   | ± 0.80 μL        | ≤ 0.15 μL    | ± 0.8 μL         | ≤ 0.3 μL     |
| <b>P200L</b><br>(FA10005P)  | 20 μL    | ± 0.50 μL        | ≤ 0.20 μL    | ± 1.6 μL         | ≤ 0.6 μL     |
|                             | 100 μL   | ± 0.80 μL        | ≤ 0.25 μL    | ± 1.6 μL         | ≤ 0.6 μL     |
|                             | 200 μL   | ± 1.60 μL        | ≤ 0.30 μL    | ± 1.6 μL         | ≤ 0.6 μL     |
| <b>P1000L</b><br>(FA10006P) | 100 μL   | ± 3.0 μL         | ≤ 0.6 μL     | ± 8.0 μL         | ≤ 3.0 μL     |
|                             | 500 μL   | ± 4.0 μL         | ≤ 1.0 μL     | ± 8.0 μL         | ≤ 3.0 μL     |
|                             | 1000 μL  | ± 8.0 μL         | ≤ 1.5 μL     | ± 8.0 μL         | ≤ 3.0 μL     |
| <b>P5000L</b><br>(FA10007)  | 500 μL   | ± 12 μL          | ≤ 3.0 μL     | ± 40 μL          | ≤ 15 μL      |
|                             | 2500 μL  | ± 15 μL          | ≤ 5.0 μL     | ± 40 μL          | ≤ 15 μL      |
|                             | 5000 μL  | ± 30 μL          | ≤ 8.0 μL     | ± 40 μL          | ≤ 15 μL      |
| <b>P10mLL</b><br>(FA10008)  | 1000 μL  | ± 30 μL          | ≤ 6 μL       | ± 60 μL          | ≤ 30 μL      |
|                             | 5000 μL  | ± 40 μL          | ≤ 10 μL      | ± 60 μL          | ≤ 30 μL      |
|                             | 10000 μL | ± 60 μL          | ≤ 16 μL      | ± 60 μL          | ≤ 30 μL      |

## マルチチャンネルモデル

| モ デ ル                         | 測定容量    | GILSON最大許容誤差     |              | ISO 8655最大許容誤差   |              |
|-------------------------------|---------|------------------|--------------|------------------|--------------|
|                               |         | Systematic Error | Random Error | Systematic Error | Random Error |
| <b>P8x10L</b><br>(FA10013)    | 0.5 μL  | ± 0.08 μL        | ≤ 0.04 μL    | ± 0.24 μL        | ≤ 0.16 μL    |
|                               | 1 μL    | ± 0.08 μL        | ≤ 0.05 μL    | ± 0.24 μL        | ≤ 0.16 μL    |
|                               | 5 μL    | ± 0.20 μL        | ≤ 0.10 μL    | ± 0.24 μL        | ≤ 0.16 μL    |
|                               | 10 μL   | ± 0.20 μL        | ≤ 0.10 μL    | ± 0.24 μL        | ≤ 0.16 μL    |
| <b>P8x20L</b><br>(FA10009)    | 2 μL    | ± 0.10 μL        | ≤ 0.08 μL    | ± 0.4 μL         | ≤ 0.2 μL     |
|                               | 10 μL   | ± 0.20 μL        | ≤ 0.10 μL    | ± 0.4 μL         | ≤ 0.2 μL     |
|                               | 20 μL   | ± 0.40 μL        | ≤ 0.15 μL    | ± 0.4 μL         | ≤ 0.2 μL     |
| <b>P8x200L</b><br>(FA10011)   | 20 μL   | ± 0.5 μL         | ≤ 0.25 μL    | ± 3.2 μL         | ≤ 1.2 μL     |
|                               | 100 μL  | ± 1.0 μL         | ≤ 0.40 μL    | ± 3.2 μL         | ≤ 1.2 μL     |
|                               | 200 μL  | ± 2.0 μL         | ≤ 0.50 μL    | ± 3.2 μL         | ≤ 1.2 μL     |
| <b>P8x300L</b><br>(FA10015)   | 20 μL   | ± 1.0 μL         | ≤ 0.35 μL    | ± 4.8 μL         | ≤ 1.8 μL     |
|                               | 30 μL   | ± 1.0 μL         | ≤ 0.35 μL    | ± 4.8 μL         | ≤ 1.8 μL     |
|                               | 150 μL  | ± 1.5 μL         | ≤ 0.60 μL    | ± 4.8 μL         | ≤ 1.8 μL     |
|                               | 300 μL  | ± 3.0 μL         | ≤ 1.00 μL    | ± 4.8 μL         | ≤ 1.8 μL     |
| <b>P8x1200L</b><br>(FA10039)  | 100 μL  | ± 6.00 μL        | ≤ 0.9 μL     | ± 19.2 μL        | ≤ 7.2 μL     |
|                               | 120 μL  | ± 6.00 μL        | ≤ 0.9 μL     | ± 19.2 μL        | ≤ 7.2 μL     |
|                               | 600 μL  | ± 8.00 μL        | ≤ 1.2 μL     | ± 19.2 μL        | ≤ 7.2 μL     |
|                               | 1200 μL | ± 10.00 μL       | ≤ 1.5 μL     | ± 19.2 μL        | ≤ 7.2 μL     |
| <b>P12x200L</b><br>(FA10012)  | 20 μL   | ± 0.10 μL        | ≤ 0.05 μL    | ± 0.24 μL        | ≤ 0.16 μL    |
|                               | 50 μL   | ± 0.20 μL        | ≤ 0.10 μL    | ± 0.24 μL        | ≤ 0.16 μL    |
|                               | 100 μL  | ± 0.40 μL        | ≤ 0.20 μL    | ± 0.24 μL        | ≤ 0.16 μL    |
| <b>P12x2000L</b><br>(FA10010) | 20 μL   | ± 0.5 μL         | ≤ 0.25 μL    | ± 3.2 μL         | ≤ 1.2 μL     |
|                               | 100 μL  | ± 1.0 μL         | ≤ 0.40 μL    | ± 3.2 μL         | ≤ 1.2 μL     |
|                               | 200 μL  | ± 2.0 μL         | ≤ 0.50 μL    | ± 3.2 μL         | ≤ 1.2 μL     |
| <b>P12x300L</b><br>(FA10016)  | 20 μL   | ± 1.0 μL         | ≤ 0.35 μL    | ± 4.8 μL         | ≤ 1.8 μL     |
|                               | 30 μL   | ± 1.0 μL         | ≤ 0.35 μL    | ± 4.8 μL         | ≤ 1.8 μL     |
|                               | 150 μL  | ± 1.5 μL         | ≤ 0.60 μL    | ± 4.8 μL         | ≤ 1.8 μL     |
|                               | 300 μL  | ± 3.0 μL         | ≤ 1.00 μL    | ± 4.8 μL         | ≤ 1.8 μL     |
| <b>P12x1200L</b><br>(FA10040) | 100 μL  | ± 6.00 μL        | ≤ 0.9 μL     | ± 19.2 μL        | ≤ 7.2 μL     |
|                               | 120 μL  | ± 6.00 μL        | ≤ 0.9 μL     | ± 19.2 μL        | ≤ 7.2 μL     |
|                               | 600 μL  | ± 8.00 μL        | ≤ 1.2 μL     | ± 19.2 μL        | ≤ 7.2 μL     |
|                               | 1200 μL | ± 10.00 μL       | ≤ 1.5 μL     | ± 19.2 μL        | ≤ 7.2 μL     |



## シングルチャンネルモデル

| モデル                        | 測定容量     | GILSON最大許容誤差     |              | ISO 8655最大許容誤差   |              |
|----------------------------|----------|------------------|--------------|------------------|--------------|
|                            |          | Systematic Error | Random Error | Systematic Error | Random Error |
| <b>P2</b><br>(F144054M)    | 0.2 µL   | ± 0.024 µL       | ≤ 0.012 µL   | ± 0.05 µL        | ≤ 0.04 µL    |
|                            | 0.5 µL   | ± 0.025 µL       | ≤ 0.012 µL   | ± 0.05 µL        | ≤ 0.04 µL    |
|                            | 1.0 µL   | ± 0.025 µL       | ≤ 0.012 µL   | ± 0.05 µL        | ≤ 0.04 µL    |
|                            | 2.0 µL   | ± 0.030 µL       | ≤ 0.014 µL   | ± 0.05 µL        | ≤ 0.04 µL    |
| <b>P10</b><br>(F144055M)   | 1 µL     | ± 0.025 µL       | ≤ 0.012 µL   | ± 0.12 µL        | ≤ 0.08 µL    |
|                            | 5 µL     | ± 0.075 µL       | ≤ 0.030 µL   | ± 0.12 µL        | ≤ 0.08 µL    |
|                            | 10 µL    | ± 0.100 µL       | ≤ 0.040 µL   | ± 0.12 µL        | ≤ 0.08 µL    |
| <b>P20</b><br>(F144056M)   | 2 µL     | ± 0.10 µL        | ≤ 0.03 µL    | ± 0.20 µL        | ≤ 0.10 µL    |
|                            | 10 µL    | ± 0.10 µL        | ≤ 0.05 µL    | ± 0.20 µL        | ≤ 0.10 µL    |
|                            | 20 µL    | ± 0.20 µL        | ≤ 0.06 µL    | ± 0.20 µL        | ≤ 0.10 µL    |
| <b>P100</b><br>(F144057M)  | 10 µL    | ± 0.35 µL        | ≤ 0.10 µL    | ± 0.80 µL        | ≤ 0.30 µL    |
|                            | 50 µL    | ± 0.40 µL        | ≤ 0.12 µL    | ± 0.80 µL        | ≤ 0.30 µL    |
|                            | 100 µL   | ± 0.80 µL        | ≤ 0.15 µL    | ± 0.80 µL        | ≤ 0.30 µL    |
| <b>P200</b><br>(F144058M)  | 20 µL    | ± 0.50 µL        | ≤ 0.20 µL    | ± 1.60 µL        | ≤ 0.60 µL    |
|                            | 100 µL   | ± 0.80 µL        | ≤ 0.25 µL    | ± 1.60 µL        | ≤ 0.60 µL    |
|                            | 200 µL   | ± 1.60 µL        | ≤ 0.30 µL    | ± 1.60 µL        | ≤ 0.60 µL    |
| <b>P1000</b><br>(F144059M) | 100 µL   | ± 3.0 µL         | ≤ 0.6 µL     | ± 8.0 µL         | ≤ 3.0 µL     |
|                            | 500 µL   | ± 4.0 µL         | ≤ 1.0 µL     | ± 8.0 µL         | ≤ 3.0 µL     |
|                            | 1000 µL  | ± 8.0 µL         | ≤ 1.5 µL     | ± 8.0 µL         | ≤ 3.0 µL     |
| <b>P5000</b><br>(F144066)  | 500 µL   | ± 12 µL          | ≤ 3.0 µL     | ± 40 µL          | ≤ 15 µL      |
|                            | 2500 µL  | ± 15 µL          | ≤ 5.0 µL     | ± 40 µL          | ≤ 15 µL      |
|                            | 5000 µL  | ± 30 µL          | ≤ 8.0 µL     | ± 40 µL          | ≤ 15 µL      |
| <b>P10mL</b><br>(F144067)  | 1000 µL  | ± 30 µL          | ≤ 6 µL       | ± 60 µL          | ≤ 30 µL      |
|                            | 5000 µL  | ± 40 µL          | ≤ 10 µL      | ± 60 µL          | ≤ 30 µL      |
|                            | 10000 µL | ± 60 µL          | ≤ 16 µL      | ± 60 µL          | ≤ 30 µL      |

## マルチチャンネルモデル

| モデル                         | 測定容量   | GILSON最大許容誤差     |              | ISO 8655最大許容誤差   |              |
|-----------------------------|--------|------------------|--------------|------------------|--------------|
|                             |        | Systematic Error | Random Error | Systematic Error | Random Error |
| <b>P8x10</b><br>(F144068)   | 1 µL   | ± 0.08 µL        | ≤ 0.05 µL    | ± 0.24 µL        | ≤ 0.16 µL    |
|                             | 5 µL   | ± 0.20 µL        | ≤ 0.10 µL    | ± 0.24 µL        | ≤ 0.16 µL    |
|                             | 10 µL  | ± 0.20 µL        | ≤ 0.10 µL    | ± 0.24 µL        | ≤ 0.16 µL    |
| <b>P8x20</b><br>(F144070)   | 2 µL   | ± 0.10 µL        | ≤ 0.08 µL    | ± 0.4 µL         | ≤ 0.20 µL    |
|                             | 10 µL  | ± 0.20 µL        | ≤ 0.10 µL    | ± 0.4 µL         | ≤ 0.20 µL    |
|                             | 20 µL  | ± 0.40 µL        | ≤ 0.20 µL    | ± 0.4 µL         | ≤ 0.20 µL    |
| <b>P8x200</b><br>(F144072)  | 20 µL  | ± 0.50 µL        | ≤ 0.25 µL    | ± 3.2 µL         | ≤ 1.2 µL     |
|                             | 100 µL | ± 1.00 µL        | ≤ 0.40 µL    | ± 3.2 µL         | ≤ 1.2 µL     |
|                             | 200 µL | ± 2.00 µL        | ≤ 0.50 µL    | ± 3.2 µL         | ≤ 1.2 µL     |
| <b>P8x300</b><br>(F144074)  | 30 µL  | ± 1.00 µL        | ≤ 0.35 µL    | ± 4.8 µL         | ≤ 1.8 µL     |
|                             | 150 µL | ± 1.50 µL        | ≤ 0.60 µL    | ± 4.8 µL         | ≤ 1.8 µL     |
|                             | 300 µL | ± 3.00 µL        | ≤ 1.00 µL    | ± 4.8 µL         | ≤ 1.8 µL     |
| <b>P12x20</b><br>(F144071)  | 20 µL  | ± 0.50 µL        | ≤ 0.25 µL    | ± 3.2 µL         | ≤ 1.2 µL     |
|                             | 100 µL | ± 1.00 µL        | ≤ 0.40 µL    | ± 3.2 µL         | ≤ 1.2 µL     |
|                             | 200 µL | ± 2.00 µL        | ≤ 0.50 µL    | ± 3.2 µL         | ≤ 1.2 µL     |
| <b>P12x300</b><br>(F144075) | 30 µL  | ± 1.00 µL        | ≤ 0.35 µL    | ± 4.8 µL         | ≤ 1.8 µL     |
|                             | 150 µL | ± 1.50 µL        | ≤ 0.60 µL    | ± 4.8 µL         | ≤ 1.8 µL     |
|                             | 300 µL | ± 3.00 µL        | ≤ 1.00 µL    | ± 4.8 µL         | ≤ 1.8 µL     |



| モデル                       | 測定容量    | GILSON最大許容誤差     |              | ISO 8655最大許容誤差   |              |
|---------------------------|---------|------------------|--------------|------------------|--------------|
|                           |         | Systematic Error | Random Error | Systematic Error | Random Error |
| <b>P10M</b><br>(F81022)   | 0.5 µL  | ± 0.040 µL       | ≤ 0.013 µL   | ± 0.12 µL        | ≤ 0.08 µL    |
|                           | 1 µL    | ± 0.025 µL       | ≤ 0.012 µL   | ± 0.12 µL        | ≤ 0.08 µL    |
|                           | 5 µL    | ± 0.060 µL       | ≤ 0.020 µL   | ± 0.12 µL        | ≤ 0.08 µL    |
|                           | 10 µL   | ± 0.080 µL       | ≤ 0.025 µL   | ± 0.12 µL        | ≤ 0.08 µL    |
| <b>P20M</b><br>(F81023)   | 2 µL    | ± 0.075 µL       | ≤ 0.025 µL   | ± 0.2 µL         | ≤ 0.1 µL     |
|                           | 10 µL   | ± 0.100 µL       | ≤ 0.035 µL   | ± 0.2 µL         | ≤ 0.1 µL     |
|                           | 20 µL   | ± 0.150 µL       | ≤ 0.050 µL   | ± 0.2 µL         | ≤ 0.1 µL     |
| <b>P100M</b><br>(F81013)  | 5 µL    | ± 0.35 µL        | ≤ 0.10 µL    | ± 0.8 µL         | ≤ 0.3 µL     |
|                           | 10 µL   | ± 0.30 µL        | ≤ 0.10 µL    | ± 0.8 µL         | ≤ 0.3 µL     |
|                           | 50 µL   | ± 0.38 µL        | ≤ 0.12 µL    | ± 0.8 µL         | ≤ 0.3 µL     |
|                           | 100 µL  | ± 0.40 µL        | ≤ 0.15 µL    | ± 0.8 µL         | ≤ 0.3 µL     |
| <b>P200M</b><br>(F81024)  | 20 µL   | ± 0.40 µL        | ≤ 0.15 µL    | ± 1.6 µL         | ≤ 0.6 µL     |
|                           | 100 µL  | ± 0.80 µL        | ≤ 0.22 µL    | ± 1.6 µL         | ≤ 0.6 µL     |
|                           | 200 µL  | ± 1.00 µL        | ≤ 0.26 µL    | ± 1.6 µL         | ≤ 0.6 µL     |
| <b>P300M</b><br>(F81014)  | 20 µL   | ± 0.80 µL        | ≤ 0.16 µL    | ± 2.40 µL        | ≤ 0.9 µL     |
|                           | 30 µL   | ± 0.70 µL        | ≤ 0.20 µL    | ± 2.40 µL        | ≤ 0.9 µL     |
|                           | 150 µL  | ± 0.90 µL        | ≤ 0.23 µL    | ± 2.40 µL        | ≤ 0.9 µL     |
|                           | 300 µL  | ± 1.05 µL        | ≤ 0.30 µL    | ± 2.40 µL        | ≤ 0.9 µL     |
| <b>P1200M</b><br>(F81015) | 100 µL  | ± 2.5 µL         | ≤ 0.4 µL     | ± 10 µL          | ≤ 4.0 µL     |
|                           | 120 µL  | ± 2.4 µL         | ≤ 0.4 µL     | ± 10 µL          | ≤ 4.0 µL     |
|                           | 600 µL  | ± 3.6 µL         | ≤ 0.8 µL     | ± 10 µL          | ≤ 4.0 µL     |
|                           | 1200 µL | ± 6.0 µL         | ≤ 1.2 µL     | ± 10 µL          | ≤ 4.0 µL     |
| <b>P5000M</b><br>(F81016) | 500 µL  | ± 10 µL          | ≤ 2 µL       | ± 40 µL          | ≤ 15 µL      |
|                           | 2500 µL | ± 15 µL          | ≤ 4 µL       | ± 40 µL          | ≤ 15 µL      |
|                           | 5000 µL | ± 25 µL          | ≤ 7 µL       | ± 40 µL          | ≤ 15 µL      |
| <b>P10mLM</b><br>(F81017) | 1 mL    | ± 25 µL          | ≤ 4 µL       | ± 60 µL          | ≤ 30 µL      |
|                           | 5 mL    | ± 30 µL          | ≤ 8 µL       | ± 60 µL          | ≤ 30 µL      |
|                           | 10 mL   | ± 50 µL          | ≤ 12 µL      | ± 60 µL          | ≤ 30 µL      |

| モデル                          | 測定容量    | GILSON最大許容誤差     |              | ISO 8655最大許容誤差   |              |
|------------------------------|---------|------------------|--------------|------------------|--------------|
|                              |         | Systematic Error | Random Error | Systematic Error | Random Error |
| <b>P8x10M</b><br>(F81025)    | 0.5 µL  | ± 0.05 µL        | ≤ 0.02 µL    | ± 0.24 µL        | ≤ 0.16 µL    |
|                              | 1 µL    | ± 0.04 µL        | ≤ 0.02 µL    | ± 0.24 µL        | ≤ 0.16 µL    |
|                              | 5 µL    | ± 0.08 µL        | ≤ 0.04 µL    | ± 0.24 µL        | ≤ 0.16 µL    |
|                              | 10 µL   | ± 0.10 µL        | ≤ 0.06 µL    | ± 0.24 µL        | ≤ 0.16 µL    |
| <b>P8x20M</b><br>(F81027)    | 1 µL    | ± 0.08 µL        | ≤ 0.05 µL    | ± 0.4 µL         | ≤ 0.2 µL     |
|                              | 2 µL    | ± 0.09 µL        | ≤ 0.06 µL    | ± 0.4 µL         | ≤ 0.2 µL     |
|                              | 10 µL   | ± 0.15 µL        | ≤ 0.10 µL    | ± 0.4 µL         | ≤ 0.2 µL     |
|                              | 20 µL   | ± 0.25 µL        | ≤ 0.12 µL    | ± 0.4 µL         | ≤ 0.2 µL     |
| <b>P8x100M</b><br>(F81018)   | 10 µL   | ± 0.25 µL        | ≤ 0.14 µL    | ± 1.6 µL         | ≤ 0.6 µL     |
|                              | 50 µL   | ± 0.50 µL        | ≤ 0.20 µL    | ± 1.6 µL         | ≤ 0.6 µL     |
|                              | 100 µL  | ± 0.80 µL        | ≤ 0.25 µL    | ± 1.6 µL         | ≤ 0.6 µL     |
| <b>P8x200M</b><br>(F81029)   | 20 µL   | ± 0.50 µL        | ≤ 0.16 µL    | ± 3.2 µL         | ≤ 1.2 µL     |
|                              | 100 µL  | ± 1.00 µL        | ≤ 0.30 µL    | ± 3.2 µL         | ≤ 1.2 µL     |
|                              | 200 µL  | ± 2.00 µL        | ≤ 0.50 µL    | ± 3.2 µL         | ≤ 1.2 µL     |
| <b>P8x300M</b><br>(F81031)   | 10 µL   | ± 1.00 µL        | ≤ 0.18 µL    | ± 4.8 µL         | ≤ 1.8 µL     |
|                              | 30 µL   | ± 1.00 µL        | ≤ 0.18 µL    | ± 4.8 µL         | ≤ 1.8 µL     |
|                              | 150 µL  | ± 1.50 µL        | ≤ 0.375 µL   | ± 4.8 µL         | ≤ 1.8 µL     |
|                              | 300 µL  | ± 2.40 µL        | ≤ 0.45 µL    | ± 4.8 µL         | ≤ 1.8 µL     |
| <b>P8x1200M</b><br>(F81020)  | 50 µL   | ± 4.0 µL         | ≤ 0.7 µL     | ± 19.2 µL        | ≤ 7.2 µL     |
|                              | 120 µL  | ± 4.0 µL         | ≤ 0.7 µL     | ± 19.2 µL        | ≤ 7.2 µL     |
|                              | 600 µL  | ± 6.0 µL         | ≤ 1.5 µL     | ± 19.2 µL        | ≤ 7.2 µL     |
|                              | 1200 µL | ± 9.6 µL         | ≤ 1.8 µL     | ± 19.2 µL        | ≤ 7.2 µL     |
| <b>P12x1200M</b><br>(F81021) | 50 µL   | ± 4.0 µL         | ≤ 0.7 µL     | ± 19.2 µL        | ≤ 7.2 µL     |
|                              | 120 µL  | ± 4.0 µL         | ≤ 0.7 µL     | ± 19.2 µL        | ≤ 7.2 µL     |
|                              | 600 µL  | ± 6.0 µL         | ≤ 1.5 µL     | ± 19.2 µL        | ≤ 7.2 µL     |
|                              | 1200 µL | ± 9.6 µL         | ≤ 1.8 µL     | ± 19.2 µL        | ≤ 7.2 µL     |



| モデル                       | 測定容量    | GILSON最大許容誤差     |              | ISO 8655最大許容誤差   |              |
|---------------------------|---------|------------------|--------------|------------------|--------------|
|                           |         | Systematic Error | Random Error | Systematic Error | Random Error |
| <b>P2</b><br>(F144801)    | 0.2 µL  | ± 0.024 µL       | ≤ 0.012 µL   | ± 0.05 µL        | ≤ 0.04 µL    |
|                           | 0.5 µL  | ± 0.025 µL       | ≤ 0.012 µL   | ± 0.05 µL        | ≤ 0.04 µL    |
|                           | 1 µL    | ± 0.025 µL       | ≤ 0.012 µL   | ± 0.05 µL        | ≤ 0.04 µL    |
|                           | 2 µL    | ± 0.030 µL       | ≤ 0.014 µL   | ± 0.05 µL        | ≤ 0.04 µL    |
| <b>P10</b><br>(F144802)   | 1 µL    | ± 0.025 µL       | ≤ 0.012 µL   | ± 0.12 µL        | ≤ 0.08 µL    |
|                           | 5 µL    | ± 0.075 µL       | ≤ 0.030 µL   | ± 0.12 µL        | ≤ 0.08 µL    |
|                           | 10 µL   | ± 0.100 µL       | ≤ 0.040 µL   | ± 0.12 µL        | ≤ 0.08 µL    |
| <b>P20</b><br>(F123600)   | 2 µL    | ± 0.10 µL        | ≤ 0.03 µL    | ± 0.20 µL        | ≤ 0.10 µL    |
|                           | 5 µL    | ± 0.10 µL        | ≤ 0.04 µL    | ± 0.20 µL        | ≤ 0.10 µL    |
|                           | 10 µL   | ± 0.10 µL        | ≤ 0.05 µL    | ± 0.20 µL        | ≤ 0.10 µL    |
|                           | 20 µL   | ± 0.20 µL        | ≤ 0.06 µL    | ± 0.20 µL        | ≤ 0.10 µL    |
| <b>P100</b><br>(F123615)  | 10 µL   | ± 0.35 µL        | ≤ 0.10 µL    | ± 0.80 µL        | ≤ 0.30 µL    |
|                           | 20 µL   | ± 0.35 µL        | ≤ 0.10 µL    | ± 0.80 µL        | ≤ 0.30 µL    |
|                           | 50 µL   | ± 0.40 µL        | ≤ 0.12 µL    | ± 0.80 µL        | ≤ 0.30 µL    |
|                           | 100 µL  | ± 0.80 µL        | ≤ 0.15 µL    | ± 0.80 µL        | ≤ 0.30 µL    |
| <b>P200</b><br>(F123601)  | 20 µL   | ± 0.50 µL        | ≤ 0.20 µL    | ± 1.60 µL        | ≤ 0.60 µL    |
|                           | 50 µL   | ± 0.50 µL        | ≤ 0.20 µL    | ± 1.60 µL        | ≤ 0.60 µL    |
|                           | 100 µL  | ± 0.80 µL        | ≤ 0.25 µL    | ± 1.60 µL        | ≤ 0.60 µL    |
|                           | 200 µL  | ± 1.60 µL        | ≤ 0.30 µL    | ± 1.60 µL        | ≤ 0.60 µL    |
| <b>P1000</b><br>(F123602) | 100 µL  | ± 3.0 µL         | ≤ 0.6 µL     | ± 8.0 µL         | ≤ 3.0 µL     |
|                           | 200 µL  | ± 3.0 µL         | ≤ 0.6 µL     | ± 8.0 µL         | ≤ 3.0 µL     |
|                           | 500 µL  | ± 4.0 µL         | ≤ 1.0 µL     | ± 8.0 µL         | ≤ 3.0 µL     |
|                           | 1000 µL | ± 8.0 µL         | ≤ 1.5 µL     | ± 8.0 µL         | ≤ 3.0 µL     |
| <b>P5000</b><br>(F123603) | 500 µL  | ± 12 µL          | ≤ 3 µL       | ± 40 µL          | ≤ 15 µL      |
|                           | 1000 µL | ± 12 µL          | ≤ 3 µL       | ± 40 µL          | ≤ 15 µL      |
|                           | 2000 µL | ± 12 µL          | ≤ 5 µL       | ± 40 µL          | ≤ 15 µL      |
|                           | 2500 µL | ± 15 µL          | ≤ 5 µL       | ± 40 µL          | ≤ 15 µL      |
|                           | 5000 µL | ± 30 µL          | ≤ 8 µL       | ± 40 µL          | ≤ 15 µL      |
| <b>P10mL</b><br>(F161201) | 1 mL    | ± 30 µL          | ≤ 6 µL       | ± 60 µL          | ≤ 30 µL      |
|                           | 5 mL    | ± 40 µL          | ≤ 10 µL      | ± 60 µL          | ≤ 30 µL      |
|                           | 10 mL   | ± 60 µL          | ≤ 16 µL      | ± 60 µL          | ≤ 30 µL      |



## シングルチャンネルモデル

| モデル                         | 測定容量     | GILSON最大許容誤差     |              | ISO 8655最大許容誤差   |              |
|-----------------------------|----------|------------------|--------------|------------------|--------------|
|                             |          | Systematic Error | Random Error | Systematic Error | Random Error |
| <b>P2G</b><br>(F144054M)    | 0.2 μL   | ± 0.024 μL       | ≤ 0.012 μL   | ± 0.05 μL        | ≤ 0.04 μL    |
|                             | 0.5 μL   | ± 0.025 μL       | ≤ 0.012 μL   | ± 0.05 μL        | ≤ 0.04 μL    |
|                             | 1.0 μL   | ± 0.025 μL       | ≤ 0.012 μL   | ± 0.05 μL        | ≤ 0.04 μL    |
|                             | 2.0 μL   | ± 0.030 μL       | ≤ 0.014 μL   | ± 0.05 μL        | ≤ 0.04 μL    |
| <b>P10G</b><br>(F144055M)   | 1 μL     | ± 0.025 μL       | ≤ 0.012 μL   | ± 0.12 μL        | ≤ 0.08 μL    |
|                             | 5 μL     | ± 0.075 μL       | ≤ 0.030 μL   | ± 0.12 μL        | ≤ 0.08 μL    |
|                             | 10 μL    | ± 0.100 μL       | ≤ 0.040 μL   | ± 0.12 μL        | ≤ 0.08 μL    |
| <b>P20G</b><br>(F144056M)   | 2 μL     | ± 0.10 μL        | ≤ 0.03 μL    | ± 0.20 μL        | ≤ 0.10 μL    |
|                             | 10 μL    | ± 0.10 μL        | ≤ 0.05 μL    | ± 0.20 μL        | ≤ 0.10 μL    |
|                             | 20 μL    | ± 0.20 μL        | ≤ 0.06 μL    | ± 0.20 μL        | ≤ 0.10 μL    |
| <b>P100G</b><br>(F144057M)  | 10 μL    | ± 0.35 μL        | ≤ 0.10 μL    | ± 0.80 μL        | ≤ 0.30 μL    |
|                             | 50 μL    | ± 0.40 μL        | ≤ 0.12 μL    | ± 0.80 μL        | ≤ 0.30 μL    |
|                             | 100 μL   | ± 0.80 μL        | ≤ 0.15 μL    | ± 0.80 μL        | ≤ 0.30 μL    |
| <b>P200G</b><br>(F144058M)  | 20 μL    | ± 0.50 μL        | ≤ 0.20 μL    | ± 1.60 μL        | ≤ 0.60 μL    |
|                             | 100 μL   | ± 0.80 μL        | ≤ 0.25 μL    | ± 1.60 μL        | ≤ 0.60 μL    |
|                             | 200 μL   | ± 1.60 μL        | ≤ 0.30 μL    | ± 1.60 μL        | ≤ 0.60 μL    |
| <b>P1000G</b><br>(F144059M) | 100 μL   | ± 3.0 μL         | ≤ 0.6 μL     | ± 8.0 μL         | ≤ 3.0 μL     |
|                             | 500 μL   | ± 4.0 μL         | ≤ 1.0 μL     | ± 8.0 μL         | ≤ 3.0 μL     |
|                             | 1000 μL  | ± 8.0 μL         | ≤ 1.5 μL     | ± 8.0 μL         | ≤ 3.0 μL     |
| <b>P5000G</b><br>(F144066)  | 500 μL   | ± 12 μL          | ≤ 3.0 μL     | ± 40 μL          | ≤ 15 μL      |
|                             | 2500 μL  | ± 15 μL          | ≤ 5.0 μL     | ± 40 μL          | ≤ 15 μL      |
|                             | 5000 μL  | ± 30 μL          | ≤ 8.0 μL     | ± 40 μL          | ≤ 15 μL      |
| <b>P10mLG</b><br>(F144067)  | 1000 μL  | ± 30 μL          | ≤ 6 μL       | ± 60 μL          | ≤ 30 μL      |
|                             | 5000 μL  | ± 40 μL          | ≤ 10 μL      | ± 60 μL          | ≤ 30 μL      |
|                             | 10000 μL | ± 60 μL          | ≤ 16 μL      | ± 60 μL          | ≤ 30 μL      |

## マルチチャンネルモデル

| モデル                          | 測定容量   | GILSON最大許容誤差     |              | ISO 8655最大許容誤差   |              |
|------------------------------|--------|------------------|--------------|------------------|--------------|
|                              |        | Systematic Error | Random Error | Systematic Error | Random Error |
| <b>P8x10G</b><br>(F144068)   | 1 μL   | ± 0.08 μL        | ≤ 0.05 μL    | ± 0.24 μL        | ≤ 0.16 μL    |
|                              | 5 μL   | ± 0.20 μL        | ≤ 0.10 μL    | ± 0.24 μL        | ≤ 0.16 μL    |
|                              | 10 μL  | ± 0.20 μL        | ≤ 0.10 μL    | ± 0.24 μL        | ≤ 0.16 μL    |
| <b>P8x20G</b><br>(F144070)   | 2 μL   | ± 0.10 μL        | ≤ 0.08 μL    | ± 0.4 μL         | ≤ 0.20 μL    |
|                              | 10 μL  | ± 0.20 μL        | ≤ 0.10 μL    | ± 0.4 μL         | ≤ 0.20 μL    |
|                              | 20 μL  | ± 0.40 μL        | ≤ 0.20 μL    | ± 0.4 μL         | ≤ 0.20 μL    |
| <b>P8x200G</b><br>(F144072)  | 20 μL  | ± 0.50 μL        | ≤ 0.25 μL    | ± 3.2 μL         | ≤ 1.2 μL     |
|                              | 100 μL | ± 1.00 μL        | ≤ 0.40 μL    | ± 3.2 μL         | ≤ 1.2 μL     |
|                              | 200 μL | ± 2.00 μL        | ≤ 0.50 μL    | ± 3.2 μL         | ≤ 1.2 μL     |
| <b>P8x300G</b><br>(F144074)  | 30 μL  | ± 1.00 μL        | ≤ 0.35 μL    | ± 4.8 μL         | ≤ 1.8 μL     |
|                              | 150 μL | ± 1.50 μL        | ≤ 0.60 μL    | ± 4.8 μL         | ≤ 1.8 μL     |
|                              | 300 μL | ± 3.00 μL        | ≤ 1.00 μL    | ± 4.8 μL         | ≤ 1.8 μL     |
| <b>P12x20G</b><br>(F144071)  | 20 μL  | ± 0.50 μL        | ≤ 0.25 μL    | ± 3.2 μL         | ≤ 1.2 μL     |
|                              | 100 μL | ± 1.00 μL        | ≤ 0.40 μL    | ± 3.2 μL         | ≤ 1.2 μL     |
|                              | 200 μL | ± 2.00 μL        | ≤ 0.50 μL    | ± 3.2 μL         | ≤ 1.2 μL     |
| <b>P12x200G</b><br>(F144073) | 20 μL  | ± 0.50 μL        | ≤ 0.25 μL    | ± 3.2 μL         | ≤ 1.2 μL     |
|                              | 100 μL | ± 1.00 μL        | ≤ 0.40 μL    | ± 3.2 μL         | ≤ 1.2 μL     |
|                              | 200 μL | ± 2.00 μL        | ≤ 0.50 μL    | ± 3.2 μL         | ≤ 1.2 μL     |
| <b>P12x300G</b><br>(F144075) | 30 μL  | ± 1.00 μL        | ≤ 0.35 μL    | ± 4.8 μL         | ≤ 1.8 μL     |
|                              | 150 μL | ± 1.50 μL        | ≤ 0.60 μL    | ± 4.8 μL         | ≤ 1.8 μL     |
|                              | 300 μL | ± 3.00 μL        | ≤ 1.00 μL    | ± 4.8 μL         | ≤ 1.8 μL     |



## シングルチャンネルモデル

| モデル                 |         | GILSON 最大許容誤差    |              | ISO 8655 最大許容誤差  |              |
|---------------------|---------|------------------|--------------|------------------|--------------|
|                     | 測定容量    | Systematic error | Random error | Systematic error | Random error |
| P2N<br>(F144561)    | 0.2 µL  | ± 0.024 µL       | ≤ 0.012 µL   | ± 0.05 µL        | ≤ 0.04 µL    |
|                     | 0.5 µL  | ± 0.025 µL       | ≤ 0.012 µL   | ± 0.05 µL        | ≤ 0.04 µL    |
|                     | 1 µL    | ± 0.025 µL       | ≤ 0.012 µL   | ± 0.05 µL        | ≤ 0.04 µL    |
|                     | 2 µL    | ± 0.030 µL       | ≤ 0.014 µL   | ± 0.05 µL        | ≤ 0.04 µL    |
| P10N<br>(F144562)   | 1 µL    | ± 0.025 µL       | ≤ 0.012 µL   | ± 0.12 µL        | ≤ 0.08 µL    |
|                     | 5 µL    | ± 0.075 µL       | ≤ 0.030 µL   | ± 0.12 µL        | ≤ 0.08 µL    |
|                     | 10 µL   | ± 0.100 µL       | ≤ 0.040 µL   | ± 0.12 µL        | ≤ 0.08 µL    |
| P20N<br>(F144563)   | 2 µL    | ± 0.10 µL        | ≤ 0.03 µL    | ± 0.20 µL        | ≤ 0.10 µL    |
|                     | 10 µL   | ± 0.10 µL        | ≤ 0.05 µL    | ± 0.20 µL        | ≤ 0.10 µL    |
|                     | 20 µL   | ± 0.20 µL        | ≤ 0.06 µL    | ± 0.20 µL        | ≤ 0.10 µL    |
| P100N<br>(F144564)  | 10 µL   | ± 0.35 µL        | ≤ 0.10 µL    | ± 0.80 µL        | ≤ 0.30 µL    |
|                     | 50 µL   | ± 0.40 µL        | ≤ 0.12 µL    | ± 0.80 µL        | ≤ 0.30 µL    |
|                     | 100 µL  | ± 0.80 µL        | ≤ 0.15 µL    | ± 0.80 µL        | ≤ 0.30 µL    |
| P200N<br>(F144565)  | 20 µL   | ± 0.50 µL        | ≤ 0.20 µL    | ± 1.60 µL        | ≤ 0.60 µL    |
|                     | 100 µL  | ± 0.80 µL        | ≤ 0.25 µL    | ± 1.60 µL        | ≤ 0.60 µL    |
|                     | 200 µL  | ± 1.60 µL        | ≤ 0.30 µL    | ± 1.60 µL        | ≤ 0.60 µL    |
| P1000N<br>(F144566) | 100 µL  | ± 3.0 µL         | ≤ 0.6 µL     | ± 8.0 µL         | ≤ 3.0 µL     |
|                     | 500 µL  | ± 4.0 µL         | ≤ 1.0 µL     | ± 8.0 µL         | ≤ 3.0 µL     |
|                     | 1000 µL | ± 8.0 µL         | ≤ 1.5 µL     | ± 8.0 µL         | ≤ 3.0 µL     |

## マルチチャンネルモデル

| モデル   |        | GILSON 最大許容誤差    |              | ISO 8655 最大許容誤差  |              |
|---|--------|------------------|--------------|------------------|--------------|
|   | 測定容量   | Systematic error | Random error | Systematic error | Random error |
| P8x20N<br>(F14401)<br>P12x20N<br>(F14402)   | 2 µL   | ± 0.10 µL        | ≤ 0.08 µL    | ± 0.40 µL        | ≤ 0.20 µL    |
|   | 10 µL  | ± 0.20 µL        | ≤ 0.10 µL    | ± 0.40 µL        | ≤ 0.20 µL    |
|   | 20 µL  | ± 0.40 µL        | ≤ 0.20 µL    | ± 0.40 µL        | ≤ 0.20 µL    |
| P8x200N<br>(F14403)<br>P12x200N<br>(F14404) | 20 µL  | ± 0.50 µL        | ≤ 0.25 µL    | ± 3.20 µL        | ≤ 1.20 µL    |
|   | 100 µL | ± 1.00 µL        | ≤ 0.40 µL    | ± 3.20 µL        | ≤ 1.20 µL    |
|   | 200 µL | ± 2.00 µL        | ≤ 0.60 µL    | ± 3.20 µL        | ≤ 1.20 µL    |

