

FRONT



# CERA-STAT™ 4000

Smart diagnostics with lab-quality results



## Fast

Results in less than 3 minutes only

## Reliable

Lab. quality accuracy and precision  
Certification - NGSP, IFCC, ISO

## Cost-Effective

Minimum running cost



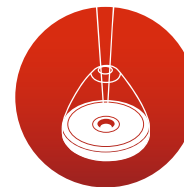
**Rapid Mode**  
(500T per hour)



**Multi-Parameter**



**Built-in Printer**

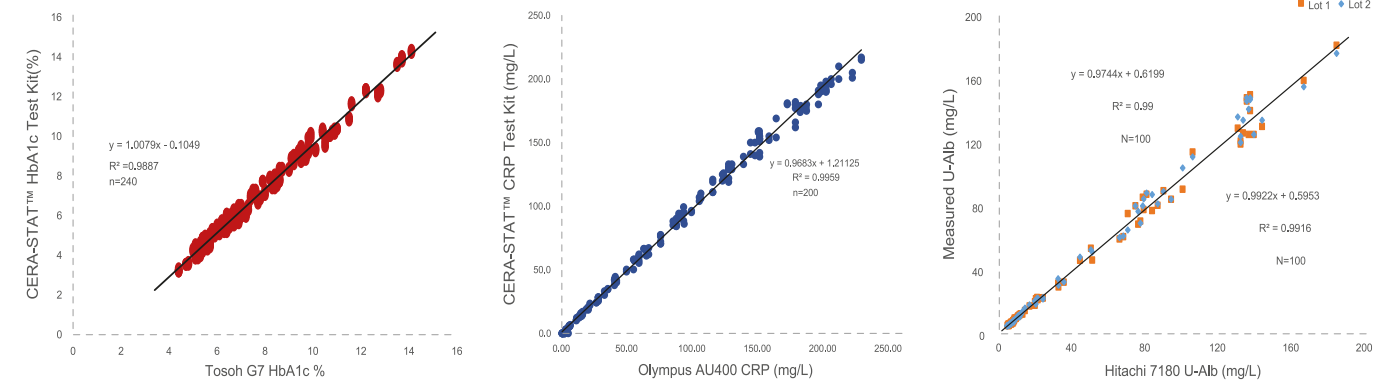


**Pipette Guide**

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## System Performance

### Accuracy



### Precision

#### Within-Run Precision

| Value        | HbA1c CV (%) | CRP CV (%) | U-Albumin CV (%) |
|--------------|--------------|------------|------------------|
| Normal       | 2.6          | 6.2        | 7.7              |
| Intermediate | 2.5          | 6.0        | 4.7              |
| Elevated     | 2.1          | 1.9        | 6.0              |

#### Day-to-day Precision

| Value        | HbA1c CV (%) | CRP CV (%) | U-Albumin CV (%) |
|--------------|--------------|------------|------------------|
| Normal       | 2.8          | 5.0        | 7.5              |
| Intermediate | 2.3          | 4.0        | 6.6              |
| Elevated     | 2.6          | 4.4        | 5.2              |

## Technical Specification



How to Use



How to Use



How to Use

| Product Name      | CERA-STAT™ HbA1c Test Kit         | CERA-STAT™ CRP Test Kit                           | CERA-STAT™ U-Albumin Test Kit |
|-------------------|-----------------------------------|---|-------------------------------|
| Parameter         | HbA1c                             | C – Reactive Protein                              | Urinary Albumin               |
| Principle         | Boronate Affinity Assay           | Immunoassay                                       | Immunoassay                   |
| Test Time         | Less than 3 minutes               | Less than 2 minutes                               | Less than 2 minutes           |
| Test Range        | 3~15% (9 ~ 140 mmol/mol)          | 3 ~ 220 mg/L                                      | 5 ~ 200 mg/L                  |
| Sample Volume     | 5 µl                              | 5 µl  | 25 µl                         |
| Sample Type       | Whole Blood (Capillary or Venous) | Whole Blood (Capillary or Venous), Plasma & Serum | Urine                         |
| Storage Condition | 2 ~ 8 °C                          | 2 ~ 8 °C  | 2 ~ 8 °C                      |
| Package           | 30 Tests/Box                      | 30 Tests/Box                                      | 24 Tests/Box                  |
| Expiry Date       | 12months                          | 12months  | 12months                      |

## Ordering Information

| Product Name                      | Package      | Order No. |
|-----------------------------------|--------------|-----------|
| CERA-STAT 4000 Analyzer           | Unit         | CS4000    |
| CERA-STAT 4000 HbA1c Test Kit     | 30 Tests/Box | CS400S10  |
| CERA-STAT 4000 CRP Test Kit       | 30 Tests/Box | CS400S20  |
| CERA-STAT 4000 U-Albumin Test Kit | 24 Tests/Box | CS400S30  |
| CERA-STAT 4000 HbA1c C/S          | 2 Levels/Box | CS400C10  |
| CERA-STAT 4000 CRP C/S            | 2 Levels/Box | CS400C20  |

## CERA-STAT 4000 Analyzer

|                     |                                    |
|---------------------|------------------------------------|
| Model               | CS4000                             |
| Method              | Optical Reflectance                |
| Storage Condition   | Temp. : -10~60 °C / Humi. : 15~75% |
| Operating Condition | Temp. : 15~35 °C / Humi. : 15~75%  |
| Memory              | 1000 test results (Date & Time)    |
| Dimension           | 178(W) × 195(L) × 75(H) mm         |
| Weight              | 730 g (without adaptor)            |



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