**Analyzer Specifications**

<table>
<thead>
<tr>
<th>Dimension (W x D x H)</th>
<th>238 x 326 x 310 [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>Approximately 7 kg</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>15℃ - 30℃ (59°F - 86°F)</td>
</tr>
<tr>
<td>Setup time</td>
<td>3 min</td>
</tr>
<tr>
<td>Required sample volume</td>
<td></td>
</tr>
<tr>
<td>basic test</td>
<td>100 µL</td>
</tr>
<tr>
<td>dilution test</td>
<td>20 µL</td>
</tr>
<tr>
<td>Data memory</td>
<td>100 tests</td>
</tr>
<tr>
<td>Cartridge information</td>
<td>Information about test parameters is embedded in the QR code attached to the cartridge.</td>
</tr>
</tbody>
</table>

**Reagent Cartridges Specifications**

<table>
<thead>
<tr>
<th>Types of sample</th>
<th>Dynamic Range</th>
<th>Measurement time</th>
<th>Package Unit</th>
<th>Reagent Storage</th>
</tr>
</thead>
<tbody>
<tr>
<td>v-T4 - Canine and Feline Plasma/Serum</td>
<td>0.50 - 8.00 µg/dl (8.4 - 103.0 nmol/L)</td>
<td>Approximately 10 min (without dilution)</td>
<td>10 cartridges/box</td>
<td>2℃ - 8℃ (35.6°F - 46.4°F)</td>
</tr>
<tr>
<td>v-TSH - Canine Plasma/Serum</td>
<td>0.25 - 5.00 ng/ml</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>v-COR - Canine Plasma (dilution) / Serum</td>
<td>1.0 - 30.0 µg/dl (27.6 - 828.0 nmol/L)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>v-BA - Canine and Feline Plasma/Serum</td>
<td>2.0 - 150.0 µmol/L</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**System Configuration Diagram**

- IMMUNO AU10V
- FUJI PLAIN/HEPARIN TUBE and FUJI DRI-CHEM AUTO TIPS can be used in both systems.
- DRI-CHEM analyzers (NX500, FDC4000, FDC7000)

**Options**

- Sample barcode reader
- Printer

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**FUJIFILM**

3-30, NISHINAGARE 2-Chome, MINATO-KU, TOKYO 106-8620, JAPAN

http://www.fujifilm.com/products/medical

Ref. No. FDCAU10V Rev. 6-1 (795-78698) Printed in Japan ©2011 FUJIFILM Corporation

This equipment complies with FDA performance standards for laser products except for deviations pursuant to Laser Notice No. 50, (June 24, 2007).

This equipment is a Class 1 laser product (designed according to IEC60825-1:2007 / EN60825-1:2007)
**FUJI DRI-CHEM IMMUNO AU10V**

A new in-clinical Immunodiagnostic Analyzer realized by FUJIFILM’s cutting edge technologies

FUJIFILM’s new Surface Plasmon enhanced Fluorescence (SPF) technology has brought about a compact sized Fluorometry Immunodiagnostic Analyzer of high reliability and accuracy. Ideal for in-clinic immunodiagnostic testing.

Reagent Cartridges Specifications

<table>
<thead>
<tr>
<th>Test Parameter</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>v-T4 (Thyroxine (T4))</td>
<td>Screening and diagnosis for Hypo/Hyperthyroidism</td>
</tr>
<tr>
<td>vc-TSH (Thyroid-Stimulating Hormone)</td>
<td>Diagnosis for Hypothyroidism</td>
</tr>
<tr>
<td>v-COR (Cortisol)</td>
<td>Diagnosis for Addison’s Disease and Cushing’s Syndrome</td>
</tr>
<tr>
<td>v-BA (Bile Acids)</td>
<td>Screening for liver diseases and diagnosis for portosystemic shunt</td>
</tr>
</tbody>
</table>

Real time diagnosis and monitoring for endocrine and liver diseases made possible.

**Easy To Use**

**Simple 2-step procedure**

Perform automatic measurements simply by inserting a tube (for samples), a tip (for sampling and injection), and a cartridge (reagents), and press the START key!

**No need to add reagents.**

All reagents and materials are already prepared inside the cartridge.

**Automated calibration for reagents using attached QR code**

All calibrations and measurements are conducted automatically based on the QR code attached to the bottom of the cartridge, which eliminates the need for lot calibration.

**Flexibility in selecting the most appropriate sample tube (1.5 mL or 0.5 mL)**

1.5 mL or 0.5 mL sample tube can be used, allowing flexibility when collecting blood samples in accordance with the measurement situation.

**Automatic Dilution Function**

AU10V has an automatic dilution function for v-COR measurements to accommodate serum samples with high cortisol levels. (Plasma samples are to be measured in dilution mode regardless of cortisol level.)

**Workflow**

1. Insert materials.
2. Press the START key.

**Time**

Fully automated measurement in approximately 10 min!

Measurement completed and results displayed.
Sufficient enough to generate substantial fluorescence intensity for detection.

Second, since the fluorescence is enhanced by SPR, a low power beam is sufficient to measure fluorescent beads, thus the mechanical process of the equipment is simple.

The equipment performs fluorometry using Surface Plasmonenhanced Fluorescence (SPF), within a small cartridge.

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**Technology**

**Principle of the system**

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**AU10V Key Features**

- **NEW** New test parameter: v-BA (canine and feline)
- **NEW** PLASMA samples measurable in all tests
- **NEW** FELINE samples measurable in v-T4
  - The only bench top analyzer with TSH test
  - Easy to use
  - Approximately 10 min measurement

**High Reliability**

**Excellent correlation with standard laboratory analyzer**

AU10V provides reliable and accurate results. It has excellent correlations with its comparison methods in serum samples.

AU10V can also accurately measure PLASMA samples as shown in the good correlations of serum and plasma.

- **v-T4 Canine**
- **v-BA Canine**
- **vc-TSH Canine**
- **v-T4 Feline**
- **v-BA Feline**
- **v-COR Canine**

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