**Features**

- The 3-color color bar displays make it easy to read measurement and judgment results.
- The 8-digit alphanumeric display of measurement values and names makes operation easy.
- Push buttons and external signals enable automatic performance of large scale and small scale master coordination.
- Data output to the PC and printer is performed using the standard-equipment serial communication function.
- Data saving, data processing and input to spreadsheet software (EXCEL, etc.) is possible.
- By switching programs, 10 types of settings, and saving and switching of master values can be done.
- Options enable judgments, separation into rankings, BCD, and output of digital matching signals.
- The main unit having a width of 50mm contains two built-in A/E converters, and measurement and evaluation of a total of three parameters, consisting of measurement at two locations along with their arithmetic processing result, can be performed with a single unit.
- Lower measurement voltage as compared with previous products results in reduced air consumption and allows a wider range of applicable lamp voltages.
- Currently available type MD and type FT measurement nozzles can both be used.
- The display can be shown in the same way as the technical drawing tolerances by using the shift function.

**Number of channels**

There is a 1-channel type and 2-channel type.

**Easy-to-read bar graph display**

The 101 dot, 3-color bar graph display judgment indicates green for OK, red for NG.

**Renge display**

These display the judgment result. Judgment indicates green for OK, red for NG.

**Operation panel**

- **Mode lamps**: Master coordination is performed automatically when you press the switches.
- **Numeric display**: The 8-digit numeric display enables you to read the measurement results directly.
- **Panel buttons**: You can switch the display between the measurement results of 2 locations, or display the arithmetic calculation results.
**Features**

- It is a popular edition of CAG-2000.
- The single-color bar display makes it easy to read measurement and judgment results.
- The 6-digit alphanumeric display of measurement values and names makes operation easy.
- Push buttons and external signals enable automatic performance of large scale and small scale master coordination.
- Each model has a body width of 50 mm, making them suited to multiple link-up.
- By switching programs, 10 types of settings, and saving and switching of master values can be done.
- Currently available type MD and type FT measurement nozzles can both be used.
- The display can be shown in the same way as the technical drawing tolerances by using the shift function.

**Operation panel**

- **Judgment lamps**
  These display the judgment result. Judgment indicates green for OK, red for NG.

- **Panel buttons**
  Master coordination is performed automatically when you press the switches.

**Specifications**

<table>
<thead>
<tr>
<th></th>
<th>CAG-1000 (1CH)</th>
<th>CAG-2000 (1CH)</th>
<th>CAG-2000 (2CH)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Module</td>
<td>Air 1 Channel</td>
<td>Air 1 Channel</td>
<td>Air 2 Channels</td>
<td></td>
</tr>
<tr>
<td>Number of Programs</td>
<td>1</td>
<td>1</td>
<td>3 (measurement:2, calculation:1)</td>
<td></td>
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<tr>
<td>Measurement Range (mm)</td>
<td>100-10 100</td>
<td>200-100 200 200</td>
<td>200-10 200 200 200</td>
<td>200-10 μm Option</td>
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<tr>
<td>Measurement Resolution (μm)</td>
<td>0.1</td>
<td>0.1</td>
<td>0.1</td>
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<tr>
<td>Bar display</td>
<td>100 data (Orange)</td>
<td>100 data (Red, Green, Orange)</td>
<td>100 dots</td>
<td>Fix 1/100 of measuring range</td>
</tr>
<tr>
<td>Multi-function Display</td>
<td>6 digits/segment</td>
<td>6 digits/segment</td>
<td>6 digits/segment</td>
<td>6 digits/segment</td>
</tr>
<tr>
<td>Auto master Coordination</td>
<td>Large scale, Small scale</td>
<td>Large scale, Small scale</td>
<td>Large scale, Small scale</td>
<td></td>
</tr>
<tr>
<td>Auto master Range</td>
<td>Zero compensation: ±0.5%, Sensitivity compensation: ±0.2%</td>
<td>Zero compensation: ±0.5%, Sensitivity compensation: ±0.2%</td>
<td>Zero compensation: ±0.5%, Sensitivity compensation: ±0.2%</td>
<td></td>
</tr>
<tr>
<td>Air Supply</td>
<td>0.3 to 0.7 MPa</td>
<td>Air supply to Regulator</td>
<td>Air supply to Regulator</td>
<td></td>
</tr>
<tr>
<td>Power Supply</td>
<td>AC 100-240V 50/60Hz</td>
<td>Power supply cable 2m (AC100V)</td>
<td>Power supply cable 2m (AC100V)</td>
<td></td>
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<tr>
<td>Power Capacity</td>
<td>40W</td>
<td>40W</td>
<td>40W</td>
<td></td>
</tr>
<tr>
<td>Dimensions/Weight</td>
<td>50 (W) x 200 (D) x 480 (H) mm, 4 kg</td>
<td>50 (W) x 200 (D) x 480 (H) mm, 4 kg</td>
<td>50 (W) x 200 (D) x 480 (H) mm, 4 kg</td>
<td></td>
</tr>
<tr>
<td>Operation Temperature</td>
<td>0 to 40°C</td>
<td>0 to 40°C</td>
<td>0 to 40°C</td>
<td></td>
</tr>
</tbody>
</table>

**Standard I/F**

- Push button input/Foot switch input
- Measurement command, Reset, Mastering (2)
- RS232C 1 port
- Measurement data, Output judgment

**Option**

- **High precision measurement**
  - 10 μm
- **Wide Range**
  - 100 μm
- **Digimatic Output**
  - 1 port (1 item)
  - With DP 1 connection cable
- **3C I/O function**
  - Judgment Output
  - Rank output
  - ECD Output
- **Peak measurement function**
  - PEAK, PEAK TIR (- PEAK), - PEAK, TIR:1/2

※ If you install it outside of Japan, please specify plug shape and voltage.