

DD-7

The Ultimate Answer For Monitoring Low-Concentration Liquids

High-accuracy measurement is made possible by measuring the difference in concentrations of 2 solutions.

Application examples:

- ◆ Tea
- ◆ Unsweetened or diet beverages
- ◆ Coffee or herbal extracts
- ◆ Cleaning and sanitizing solutions
- ◆ Surfactants



The DD-7 measures solutions of up to 2% Brix concentration at the extremely high-accuracy level of $\pm 0.005\%$ Brix.

(Note that the range of measurement gets narrower at concentrations higher than 10% Brix.) When a reference solution of 8.000% Brix is used, for example, the DD-7 can measure concentrations in the range of 8% to 10% Brix at resolution of 0.001% Brix and precision of measurement of $\pm 0.005\%$ Brix. Note: High viscosity samples may not be suitable for measurement.

- Measurement is very simple. Inject a reference solution and a sample solution to respective injection ports, and press the Start Switch.
- Digital readings eliminate reading errors resulting from user subjectivity.
- Measurement data can be exported to a printer or computer via RS-232C connection.



Measure low-concentration food and beverages, such as coffee, tea, diet sodas, and herbal extracts.



Measure concentrations of sanitizers and disinfectants, such as hydrogen peroxide solutions, at a precision level of $\pm 0.012\%$ or higher.



Measure surfactants, anti-rust agents, metal-working fluids, and other industrial solutions at $\pm 0.005\%$ Brix accuracy.

Specifications

- Method of measurement : Differential optical refraction method
- Measurement range : 0.000 to 2.000% in concentration (for sucrose solution)
It is possible to measure samples with refractive index up to 1.50 (nD) by reference solution. (Samples must be low in viscosity.)
- Measurement accuracy : $\pm 0.005\%$ (In the case of measurement of sucrose solution (0 to 2%) at 30°C)
- Unit of minimum display : 0.001%
- Display area : Two 24-character lines (LCD)
- Light source : LED
- Light sensor : Photo-diode (dual type)
- Output RS-232C Printer : Digital printer DP-63, DP-AD(optional)
- Ambient temperature : 10 to 30°C
- Power supply : AC100 to 240V, 50/60Hz
- Power consumption : 50VA
- Dimensions : 36(W) □ 35(D) □ 14(H)cm
- Weight : 5.8kg

All ATAGO products are designed and manufactured in Japan.

HACCP GMP GLP ATAGO products comply with HACCP, GMP, and GLP system standards.

ATAGO CO., LTD.

Headquarters: 32-10, Honcho, Itabashi-ku, Tokyo 173-0001 Japan
TEL : 81-3-3964-6156 FAX : 81-3-3964-6137
overseas@atago.net http : //www.atago.net/



*Specifications and appearance are subject to change without notice.

ATAGO U.S.A., Inc.

TEL : 1-425-637-2107 customerservice@atago-usa.com

ATAGO INDIA Instruments Pvt. Ltd.

TEL : 91-22-2833-8038 / 8076 customerservice@atago-india.com

ATAGO (THAILAND) Co., Ltd.

TEL : 662-982-8718-9 customerservice@atago-thailand.com

ATAGO BRASIL Ltda.

TEL : 55 16 3916-6000 customerservice@atago-brasil.com

ATAGO ITALIA s.r.l.

TEL : 39 2 36557267 customerservice@atago-italia.com

ATAGO CHINA Guangzhou Co., Ltd.

TEL : 86 20-38106065 info@atago-china.com