

# For Safe & Easy Measurements of Urine Specific Gravity!!



DIGITAL HAND-HELD "PEN"  
URINE S.G. REFRACTOMETER

**Pen - Wrestling**

Cat.No. 3749



## Hydration

Preferred method of testing to meet  
NFHS weight certification guidelines.

The PEN-Wrestling provides accurate,  
worry-free testing of Urine Specific  
Gravity to determine acceptable  
hydration levels.



### Features

- Calibration with water only
- Measurement in 2 seconds
- Extremely water resistant (IP65)
- Light & Compact, 70g
- Ergonomically designed for easy, one-handed operation
- External Light Interference (ELI)
- Convenient storage case
- Automatic Temperature Compensation (ATC)

### Specifications

Measurement range	: Urine S.G. 1.0000 to 1.0600
Resolution	: Urine S.G. 0.0001
Measurement accuracy	: Urine S.G. $\pm 0.0010$
Measurement temperature	: 10 to 40°C (ATC)
Measurement time	: 2 seconds
Power supply	: AAA alkaline battery $\times 1$
Battery life	: Approx. 8,000 measurement (When an alkaline battery is used)
International Protection Class	: IP65 Water resistant (Prism head: IP67)
Dimensions and weight	: 160(W) $\times$ 38(D) $\times$ 18(H)mm, 70g

## The PEN type refractometer is extremely easy to use!

Fast measurement results: safe and hygienic.

**Dip!**



OR

**Touch!**



### Measurement Methods

Dip the tip into the sample and press the START key OR press the START key (and within 10 seconds) touch the tip into the sample. The measurement value will be displayed in 2 seconds.

\*Small Sample Volumes

**Quick & Easy Cleanup!**



All ATAGO refractometers are designed and manufactured in Japan.

### ATAGO CO., LTD.

Headquarters: The Front Tower Shiba Koen, 23rd Floor  
2-6-3 Shiba-koen, Minato-ku, Tokyo 105-0011, Japan  
TEL : 81-3-3431-1943 FAX : 81-3-3431-1945  
overseas@atago.net http://www.atago.net/

### 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



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

\* Specifications and appearance are subject to change without notice.