

Digital Hand-held "Pocket" Refractometer

# PAL-Urea

Cat.No. 4518



The proven choice in Europe for fast, accurate measurements of Diesel Exhaust Fluid.

**PAL-Urea quickly and accurately measures the urea concentration in emissions-reducing diesel exhaust fluid additives.**

## Features

- Simple calibration with tap water
- Measurement in 3 seconds
- Convenient storage case
- Light & Compact, 100g
- Equipped with a strap holder option
- Extremely water resistant (IP65)
- External Light Interference (ELI)
- Automatic Temperature Compensation (ATC)
- Ergonomically designed for simple one-handed operation

## Specifications

Measurement range	: Urea 0.0 to 55.0% (w/w)
Resolution	: Urea 0.1%
Measurement accuracy	: Urea ±0.2%
Measurement temperature	: 10 to 40°C (ATC)
Sample volume	: 0.3ml
Measurement time	: 3 seconds
Power supply	: AAA alkaline battery × 2
Battery life	: Approx. 11,000 measurements (Using new alkaline batteries)
International Protection Class	: IP65 Water resistant
Dimensions and weight	: 55(W) × 31(D) × 109(H)mm, 100g



Actual size

## Measurement Method

1. Place the sample onto the prism surface.
2. Press the START key.
3. The measurement value will be displayed in 3 seconds.



### Quick & Easy Cleanup!



**ATAGO CO., LTD.**

<http://www.atago.net/> [overseas@atago.net](mailto:overseas@atago.net)

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



**HACCP GMP GLP**

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

<b>ATAGO U.S.A., Inc.</b>	TEL : 1-425-637-2107	customerservice@atago-usa.com
<b>ATAGO INDIA Instruments Pvt. Ltd.</b>	TEL : 91-22-2833-8038 / 8076	customerservice@atago-india.com
<b>ATAGO (THAILAND) Co., Ltd.</b>	TEL : 662-982-8718-9	customerservice@atago-thailand.com
<b>ATAGO BRASIL Ltda.</b>	TEL : 55 16 3916-6000	customerservice@atago-brasil.com
<b>ATAGO ITALIA s.r.l.</b>	TEL : 39 2 36557267	customerservice@atago-italia.com
<b>ATAGO CHINA Guangzhou Co., Ltd.</b>	TEL : 86 20-38106065	info@atago-china.com

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