

# Serum Protein Concentration and Urine Specific Gravity Desktop Refractometer

**NEW**

One versatile unit for the serum protein concentration, urine specific gravity, and refractive index.

No-touch, hands-free operations.

**T3-NE**  
Cat.No.2754

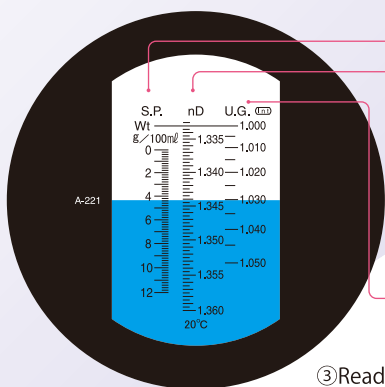
## How to Measure



① Open the daylight plate and apply a sample liquid on the prism.



② Close the daylight plate and look through the eyepiece.



**Triple Scale**

Concentration of serum protein in g/100ml

Refractive Index

Urine specific gravity

③ Read the boundary line where the blue and white colors meet.



## Specifications

Measurement Range	Urine S.G. 1.000 to 1.050 Serum protein 0.0 to 12.0g/100ml Refractive Index 1.3330 to 1.3600
Minimum Scale	Urine S.G. 0.001 Serum protein 0.2g/100ml Refractive Index 0.0005
Size & Weight	10×17.3×21.5cm, 910g

## About Scale

This instrument has been designed to use the refractive index method for measuring total protein in serum. The protein scale has been prepared after extensive clinical analyses under taken by Dr. Matsumura, Professor of Bio chemistry at the Tokyo Women's Medical College. His scale is based on the results obtained from over 1400 cases. The scale is the most reliable one at present available. As the same as serum protein, there is a correlation between refractive index by a refractometer and urine specific gravity by a hydrometer. Urine specific gravity can be taken from refractive index. Measurement range of this unit is 1.000 to 1.050.