



# **New Product Announcement**

## **DS-101 In-Line Immersion Refractometer**

This general purpose refractometer based on novel technology developed by **JSA Photonics** (US patent 10,145,789) provides the user with a convenient ability for continuous in-line refractive index (RI) measurements via insertion directly into the feed lines or tanks. Displays RI and sugar calibrations for Specific Gravity, Plato (Brix) and Gravity



### **FEATURES**

- Range 1.333 to 1.382,  $\approx$  0-30 Brix (Plato)
- Displays RI, SG, Plato and Gravity for sugar solutions
- Liquid Temperature Display
- Convenient and Safe: no fluid extraction
- Accurate: 4 digit display,  $\sigma = .0013$
- Nominal room temperature operation
- Accurate over liquid temperatures 0-30C without significant degradation in accuracy
- Repairable: simply return unit post paid
- User calibration check and adjustment
- Warranty\*: 1yr
- Waterproof sending and receiving units
- Probe chemically resistant

**Available in either stainless 1/4" NPT male fittings or Triclamp versions**  
**Options include: custom calibrations, fittings, external data transfer**

### **How to Order**

Email us at [sales@jsaphotonics.com](mailto:sales@jsaphotonics.com) with a shipping address. All transactions via Paypal or prepaid (We can take a credit card over the phone but for security reasons we would rather not)

### **Terms of Sale**

User understands and agrees that some liquids can be dangerous and injuries may result from improper use. JSA assumes no liability for consequential damages or injuries resulting from the use of this device. Returns are not accepted. \*Warranty for defects in performance excluding damaged units.

### **Pricing**

**Standard DS-101 w/1 "probe.....\$ 479.00 + shipping**  
**Specify 1/4" NPT Male Fitting or Triclamp. Calibration fluid and cable included**



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