

Name: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_  
 When do you need a quote? \_\_\_\_\_  
 When do you need the equipment on site? \_\_\_\_\_  
 When will you place the order? \_\_\_\_\_



**K-PATENTS**  
PROCESS INSTRUMENTS

## Process Refractometer Application Datasheet

**Application** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**End Product** \_\_\_\_\_

**Process Liquid** \_\_\_\_\_

**Chemical Formula** \_\_\_\_\_

**Measurement Range** \_\_\_\_\_

**Engineering Unit:**

- % Concentration by Weight
- Brix
- g/l
- lb/g
- Baume
- Refractive Index (Specify reference temperature: \_\_\_\_\_ °C)
- Other (Specify: \_\_\_\_\_)

<b>Process Conditions</b>	Min.	Normal	Max.	Units
Temperature	_____	_____	_____	<input type="checkbox"/> °C <input type="checkbox"/> °F
Pressure	_____	_____	_____	<input type="checkbox"/> PSI <input type="checkbox"/> bar
Flow Rate	_____	_____	_____	_____

(Recommended flow rate > 1.5 m/s or 5 Ft/s.  
If below, prism wash is recommended.)

**Size of Process Pipe** \_\_\_\_\_  
*(Required for Flow-Through Cell)*

**Process Connection** \_\_\_\_\_

**Sensor Wetted Parts Materials** \_\_\_\_\_

**Describe the functions and performance required from this in-line concentration measurement system:** \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Is there anything else we need to know about this application?**

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_