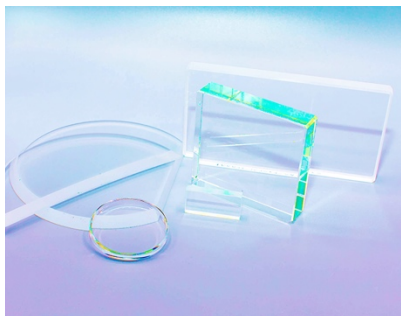


JC OPTIC 900

PROCESS DETERGENT

Optics



- Near neutral in-process cleaner using new-surface active compounds
- Excellent for pitch and wax removal
- Free rinsing and can be filtered to extend bath life
- Biodegradable

NORMAL PROCESS

Process:	Ultrasonic and Immersion
Concentration:	0.5-50%
Temperature:	100°F-140°F/38°C-60°C
Rinse:	Yes
Dry:	Air

PRODUCT PROPERTIES

Appearance:	Clear, straw colored liquid
PH Range:	7.5-8.0
Specific Gravity:	1.03-1.04 g/mL at 25°C (77°F)
Water Soluble:	Soluble

PRODUCT APPLICATION

ultrasonic, immersion

REMOVES THESE CONTAMINANTS

particulates, light oils, pitch, wax

SURFACE COMPATIBILITY

metallic surfaces glass, quartz, porcelain, and ceramics

JC Optic 900

PROCESS DETERGENT

Optics

NORMAL CONTROL

Dropping Bottle Method (JAYCO Chemical Solutions part number: Alkalinity Test Kit JYT005)

Low Range (0.5-5%)

1. Take a sample of the JC Optic 900 solution from the Bath with a beaker and allow to cool to room temperature.
2. Measure out 10 mls, using the graduated sample bottle provided in the titration kit.
3. Add 1-2 drops of total alkalinity indicator.
4. Add dropwise 0.25 N sulfuric acid while counting the drops and swirling the solution.
5. Stop adding the drops when color changes from green to red/orange.
6. Calculation :
Concentration of JC Optic 900 (%) = Drops of 0.25 N H2SO4 x 0.447

Low Range .5-5%	
%	conductivity (uS/cm)
0.5	121 uS/cm
1.0	168 uS/cm
2.0	328 uS/cm
3.0	473 uS/cm
4.0	631 uS/cm
5.0	747 uS/cm

High Range (10-50%)

1. Take a sample of the JC Optic 900 solution from the Bath with a beaker and allow to cool to room temperature.
2. Measure out 10 mls, using the graduated sample bottle provided in the titration kit.
3. Add 1-2 drops of total alkalinity indicator.
4. Add dropwise 1.0 N sulfuric acid while counting the drops and swirling the solution.
5. Stop adding the drops when color changes from green to red/orange.
6. Calculation :
Concentration of JC Optic 900 (%) = Drops of 1.0 N H2SO4 x 1.786

High Range 10-50%	
%	conductivity (uS/cm)
10	1.433 uS/cm
25	3.120 uS/cm
50	5.250 uS/cm

Conductivity

Below are readings taken with DI water. JAYCO Chemical Solutions suggests making up known concentrations in customer's operating range and water for more accurate readings.

HANDLING AND SAFETY CONSIDERATIONS

Consult product safety data sheet for handling considerations, hazard information, and first aid procedures.

OTHER INFORMATION

No warranty, expressed or implied of merchantability fitness for a particular purpose or otherwise, is made. Buyer assumes all risk of use, storage and handling. JAYCO Chemical Solutions shall not be made liable for any incidental or consequential damages arising directly or indirectly in connection with the purchase, storage, handling or disposal of this product.