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## Product Data Sheet

Date: 07/28/10  
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Product #: ADM 3.0-J7027  
STM 6.0-J7026

### *Concept 21*<sup>®</sup> ADM 3.0 / STM 6.0 Fountain Solution System

#### **DESCRIPTION:**

A unique mild acid fountain solution chemistry system designed specifically for managing print characteristics and performance on press. *Concept 21* allows press operators to manufacture their own specific fountain solution on-site to meet specific press needs. Precision blending technology adapted from the pharmaceutical industry blends proprietary, ultra-concentrated chemistry for concise color management in the pressroom.

*Concept 21* allows printers to handle a wide range of conditions: differing presses, papers, inks, plates and water. Solves problems such as:

- Feedback
- Piling (Ink and Paper)
- Plate Sensitivity
- Roller Stripping
- Flashing
- Poor ink & water balance
- Dot gain

and more, by the use of a single system which can adjust chemistry to meet multiple conditions.

*Concept 21* is not a “one size fits all” product, but a system that allows you the versatility to replicate virtually any fountain solution on the market, on press, without bringing in new chemistry.

#### **BENEFITS:**

**Extremely versatile.** One system handles different presses, inks, papers and plates without storing or handling new chemistry. Following easy-to-use guidelines, you create the fountain solution you need to meet your requirements. One system can serve multiple presses.

**Improved performance.** Users report faster make-readies and quicker restarts for less paper waste. Optimized for each individual customer to offer the widest possible latitude.

**Use less chemistry.** Due to ultra-concentrated chemistry.

**Single system reduces cost.** Simplifies purchasing and material handling.

**SPECIFICATIONS:**

	<b><u>ADM 3.0</u></b> (Acidic Desensitizing Modifier)	<b><u>STM. 6.0</u></b> (Surface Tension Modifier)
<b>Flash Point:</b>	None	> 212°F
<b>Appearance/Odor:</b>	Dark green liquid	Clear yellow solution
<b>Density:</b>	10.3 lbs/gal.	8.2 lbs/gal.

**INSTRUCTIONS:**

**Initial Start-up**

**Brush Dampening Systems:**

Start the *Concept 21. ADM* series at the #4 setting on the graduated scale.

Start the *Concept 21. STM* series at the #4 setting on the graduated scale.

**Normal Operating Range:** pH – 4.5 – 5.0  
Conductivity – 1800-3000 micromhos/cm

**Duotrol and/or Continuous Dampening Systems:**

Start the *Concept 21. ADM* series at the #4 setting on the graduated scale.

Start the *Concept 21. STM* series at the #6 setting on the graduated scale.

**Normal Operating Range:** pH – 4.5 – 5.0  
Conductivity – 1800-3000 micromhos/cm

This product should be used only for its intended purpose. The information stated above is based on our laboratory tests and experience, and is accurate to the best of our knowledge. Since actual use is beyond our control, the recommendations or suggestions are made without warranty, expressed or implied.