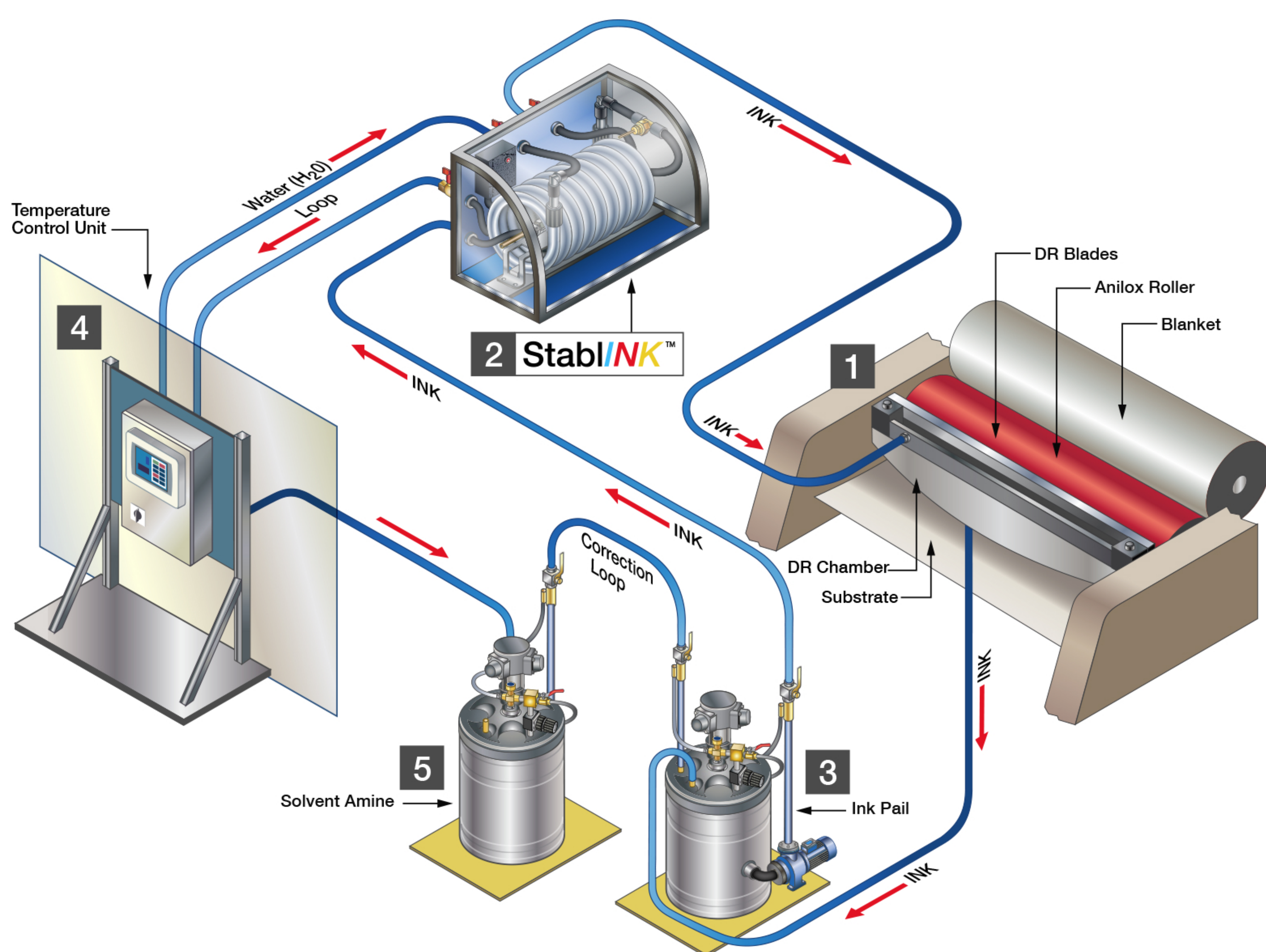


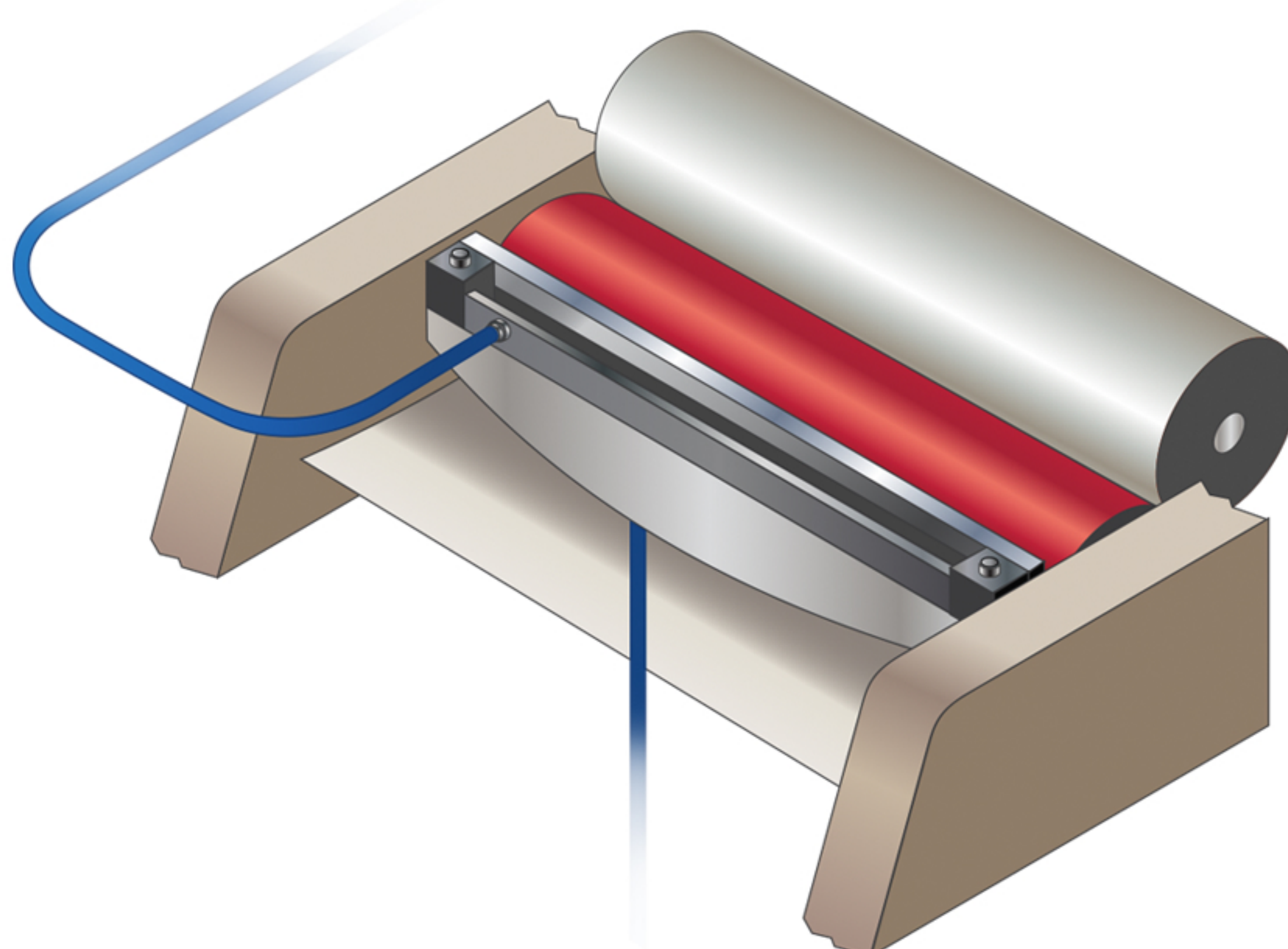
In-Line Temperature Control: From Start to a Perfect Print Run



1

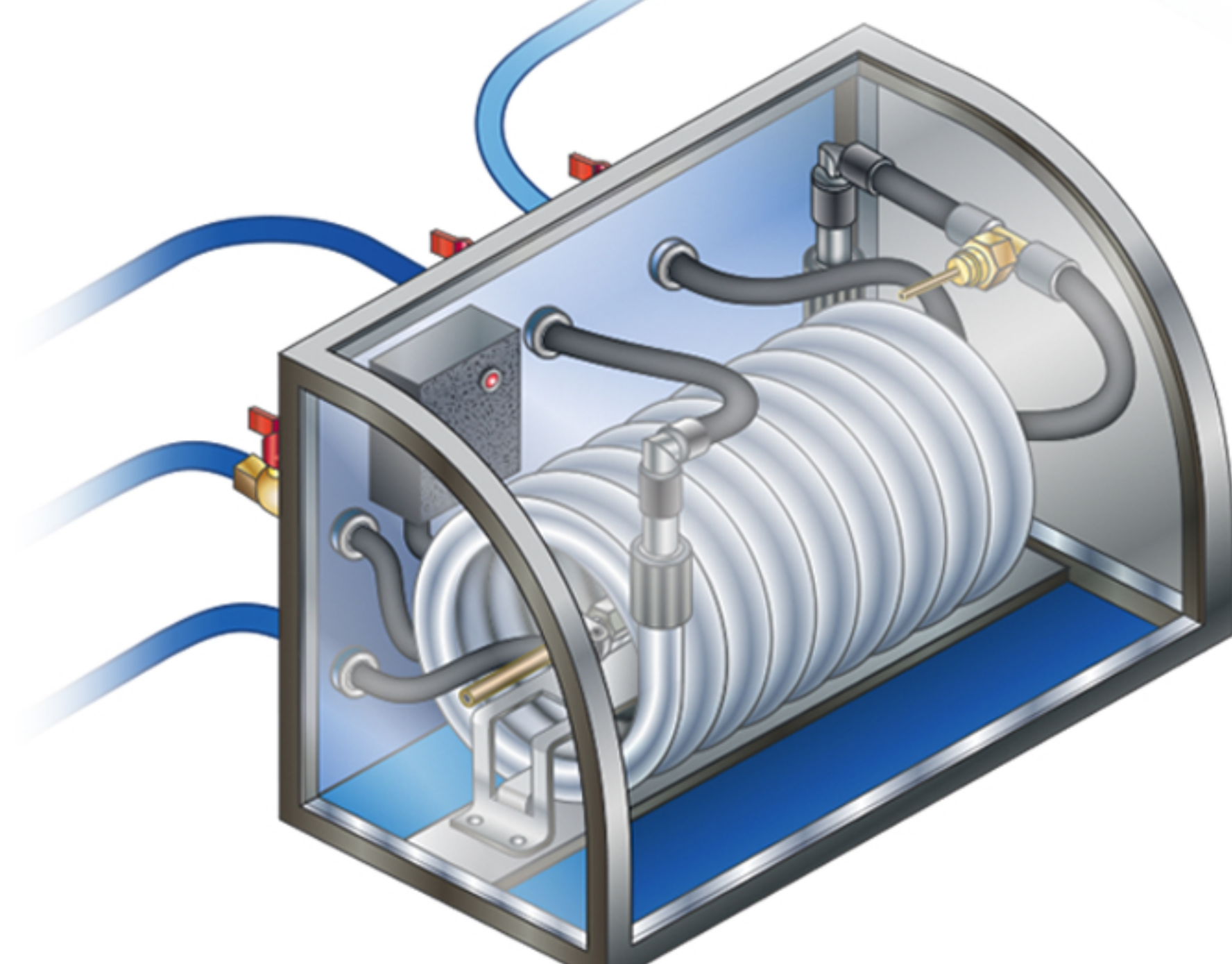
POINT OF DISPENSE: Where Temperature Matters Most

The most effective ink temperature control takes place at the point of dispense. This unique approach delivers unmatched print quality, repeatability, and cost savings.



Stabl/INK™: When Control is Needed

2

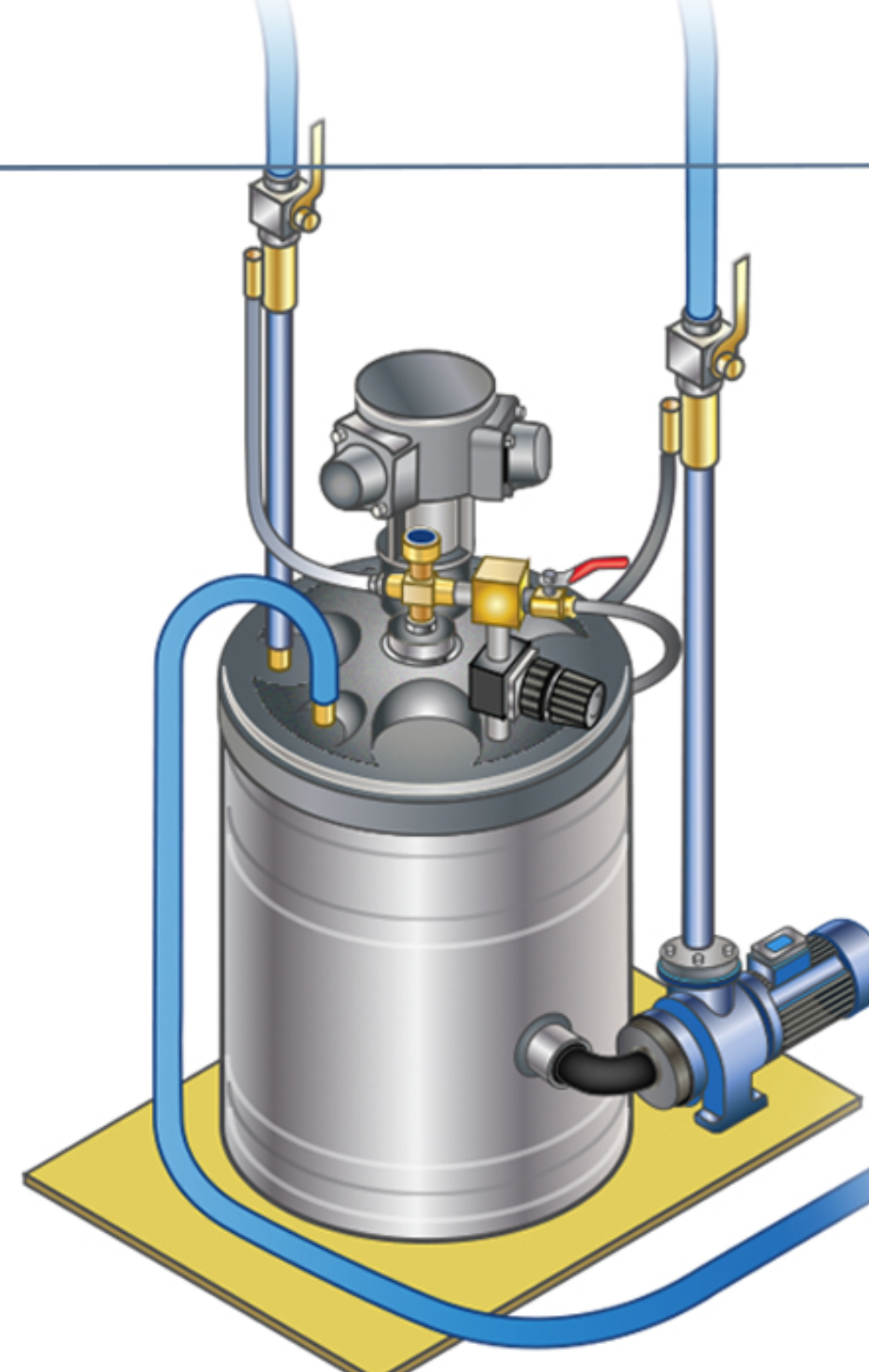


Most solutions focus on changing temperature at the source, but make no effort to control ink temperature all the way to the point of use. Our Stabl/INK™ module combines multiple technologies into an overall system approach that guarantees an ink temperature of $\pm 1^\circ$, right at your doctor chamber.

3

INK PAIL: Where it All Starts

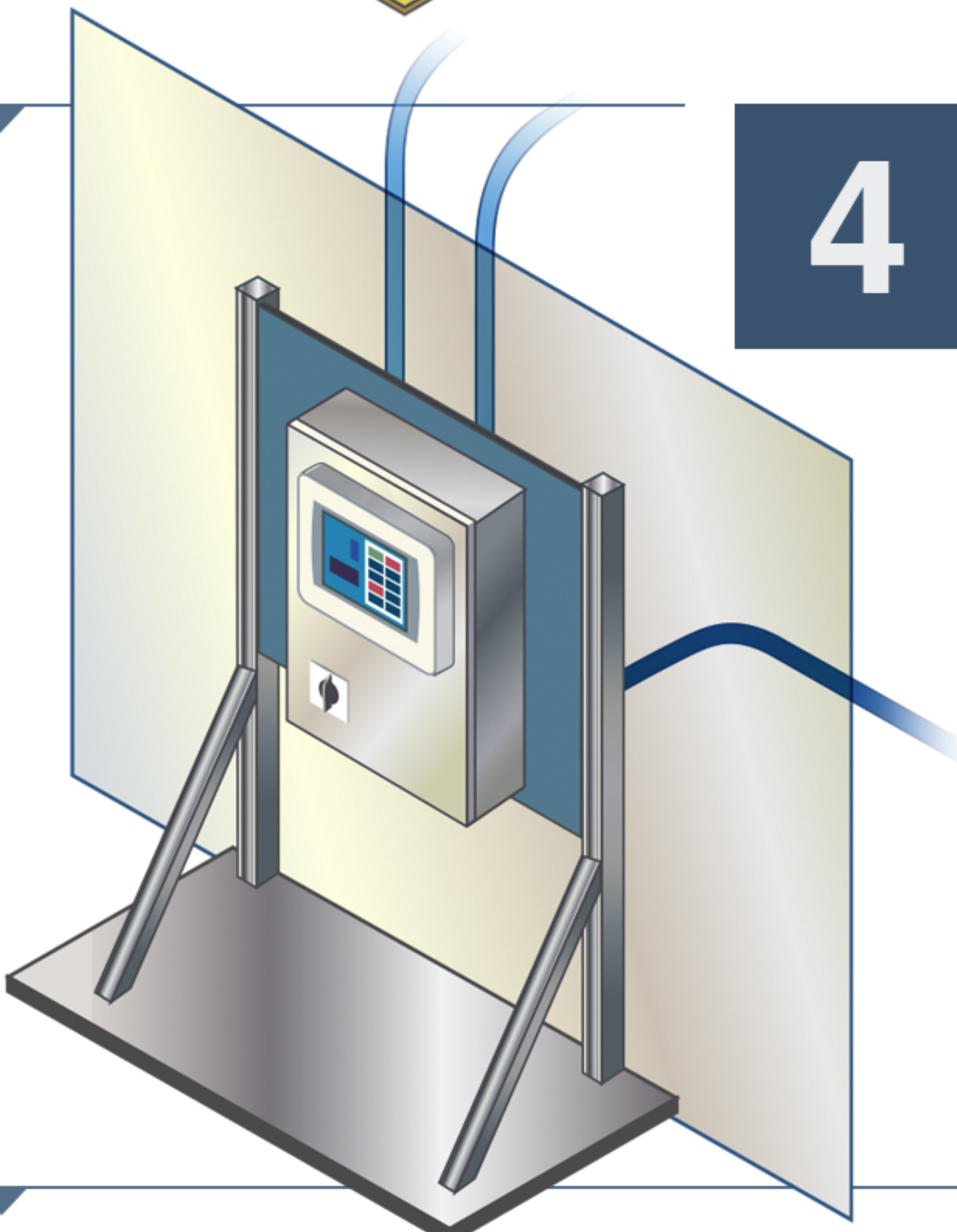
This is where adjustments to such important parameters as viscosity and pH are implemented. This is not the best place to measure these parameters, however. The Stabl/INK™ system makes these measurements in the right place – at the point of application – to ensure that the adjustments you are making at the ink pail result in the best overall print quality.



TEMPERATURE CONTROL UNIT: The Heart of the Solution

The Stabl/INK™ system focuses ink control at the point of application, where it will have the most impact on your print quality. A key component of this system is the TCU (Temperature Control Unit) which ensures that your ink is delivered to the head at precisely the right temperature.

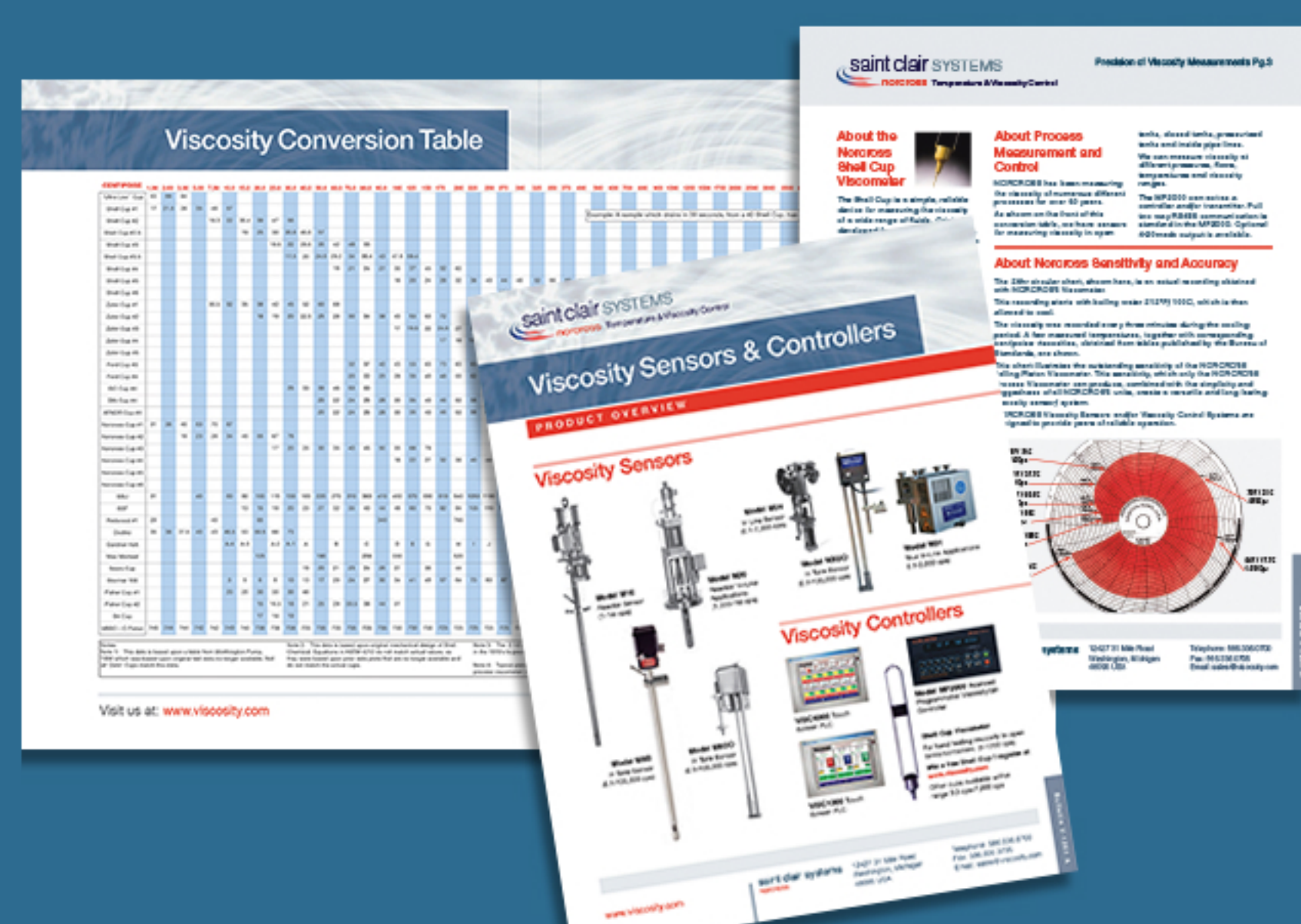
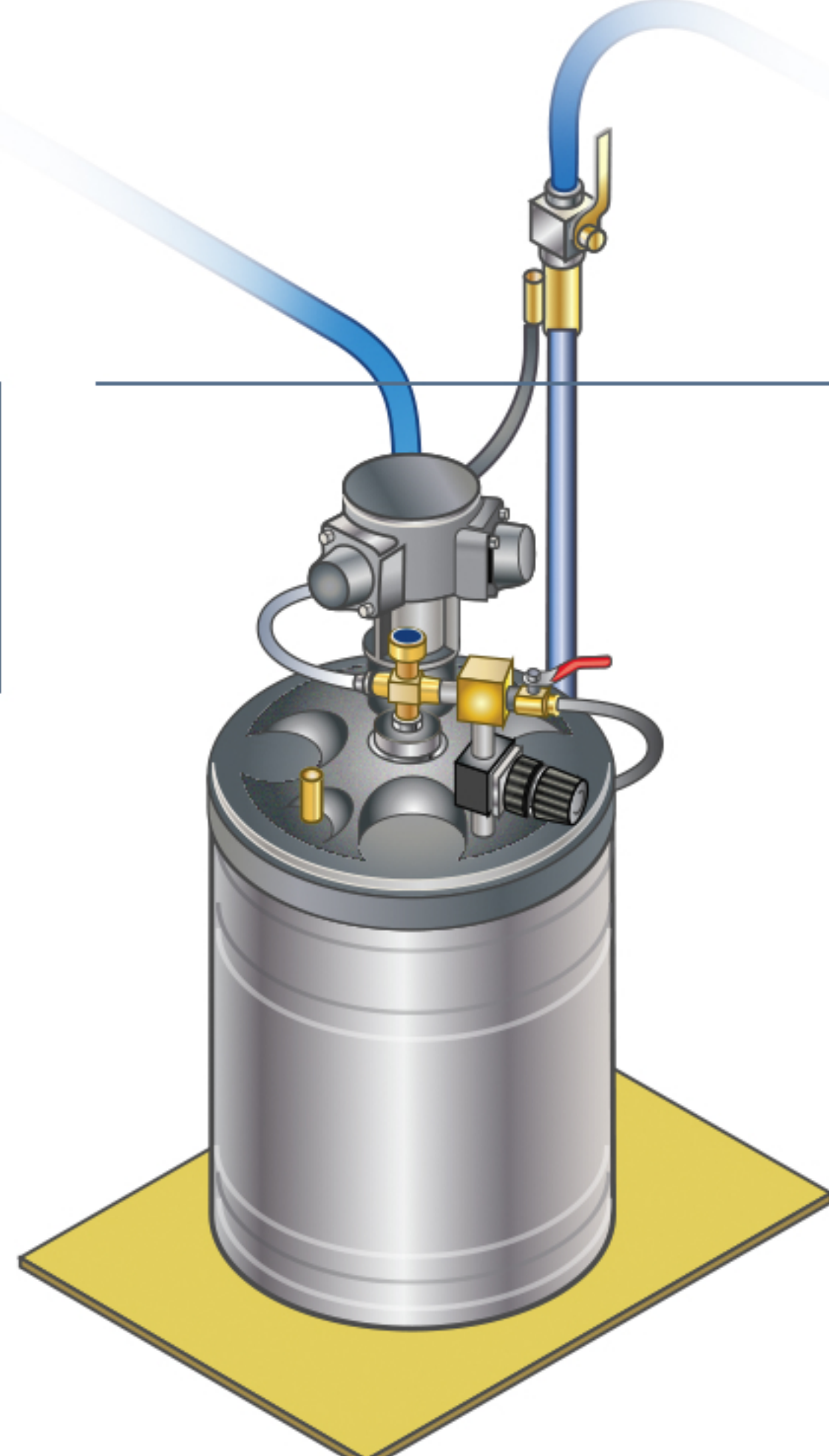
4



5

SOLVENT/AMINE TANK: Where Automatic Control Starts

The amine tank is central to a balanced, automated, closed-loop system. With the temperature stabilized $\pm 1^\circ$, viscosity can be adjusted – as necessary – by adding the appropriate solvent for the ink formulation in carefully controlled quantities. "Over-dosing" is eliminated.



Free download for accurate viscosity conversion

Our comprehensive viscosity conversion tables facilitate conversion among Shell and Zahn Cup seconds, centipoises, SSU, SSF, and other viscosity units.

DOWNLOAD +

saint clair SYSTEMS
norcross Temperature & Viscosity Control

Saint Clair Systems | (586) 336.0700 | info@viscosity.com | 12427 31 Mile Road, Washington, MI 48095
Copyright © 2017 Saint Clair Systems. All rights reserved.