

# 12.0 UV Ink Supply

## UV ink supply systems, special features and applications

UV inks have up to now confronted all pump manufacturers with problems that are almost impossible to resolve. However, with intensive research & development work, Lincoln has succeeded in finding a way to handle even the highly-sensitive UV ink in ink supply systems. A special control of the pumping strokes, seals to match the

ink including lubrication and a changed surface in the pump tube now permit the pumping of highly viscous UV ink.

This process is immensely beneficial above all for the personnel working with UV ink, as it is especially important to avoid direct contact with the skin.

The options for UV ink supply are almost identical to the conventional systems and range from the pumping station with adjoining tap station, ink stirring in the fountain up to automatic

ink fountain filling within the press. The ink supply system allows several presses to be supplied with ink from one pumping station.

**This process is now patent protected.**

## 12.1 Automatic, with ink filling tube

Model	Type	Description	Part number
		Level control, consisting of: ink filling tube with adjustable dispensing ball valves and ultrasonic sensor, special ink valve, manual/automatic switch, shut-off ball valve, ink hose with quick connector, connecting cable and small material	
LIL RAUV1	Auto. with ink filling tube + ink valve	UV ink fountain up to 800 mm	595-33180-1
LIL RAUV2	Auto. with ink filling tube + ink valve	UV ink fountain up to 1100 mm	595-33181-1
LIL RAUV3	Auto. with ink filling tube + ink valve	UV ink fountain up to 1500 mm	595-33182-1
LIL RAUV4	Auto. with ink filling tube + ink valve	UV ink fountain up to 1900 mm	595-33183-1

## 12.2 Control

Model	Type	Description	Part number
LICUV	UV version	Electronic system for UV installations incl. display	On request

