

**UV-LED / UV
interchangeable**

LED / UV

UVAPRINT varyCURE AC

One housing, one electronic power supply
– two inserts

Powerful curing system working with
conventional UV or UV-LED technology

Air cooled

System-Features

- Powerful cassette system with UV-LED or UV lamp insert
- Electronic power supply varyPOWER compatible with both technologies
- Intelligent system control

Advantages

- Flexible exchange of LED and UV module
- Easy handling
- Highest energy efficiency
- Automatic adjustment of all system properties

UVAPRINT varyCURE AC

UVAPRINT varyCURE AC is based on a cassette technology: Either an UV lamp insert or an UV-LED insert can be slid in the same robust housing very easily. Power connection and cabling remain unchanged as the joint electronic ballast **EPSA varyPOWER** supplies both inserts by immediately recognizing what technology is used and thus switches from square-waved AC (conventional UV) to DC (UV-LED).

An intelligent control adjusts all system-relevant settings automatically, this means for the user: Just swap and cure.

UV lamp insert

The UV spectrum of **UVAPRINT varyCURE AC** can be perfectly adjusted to the applied ink or varnish by easily exchanging the UV lamp per plug-in base.

- optimized reflector geometrics
- dichroitic reflector coating for temperature sensitive substrates
- specific lamp output up to 160 W/cm
- arc length depends on application



UV-LED insert

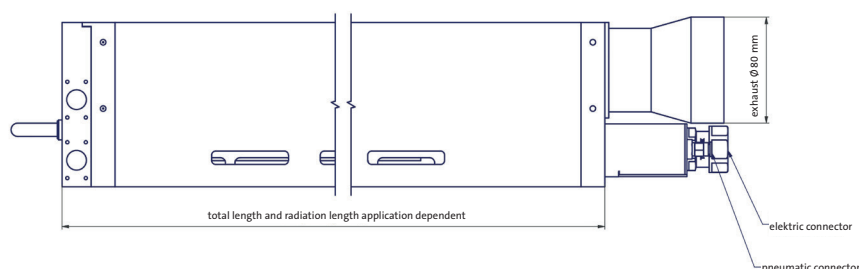
The LED insert of **UVAPRINT varyCURE AC** is available in the wavelengths **365/385/395/405 nm +/- 10 nm**. Thus, the wavelength can be perfectly adapted to the particular application.

A highly efficient driver integrated in the housing allows that each LED segment is operated and monitored separately.

LED service life	> 20.000 hours*		
dimensions / housing in mm (W x H)	124 x 117 length application dependent		
height / light aperture	20 mm 40 mm		
wavelengths in nm	20 mm version: 385 395 405		
typical intensity in mW/cm² **	25.000 25.000 25.000		
wavelengths in nm	40 mm version: 385 395 405		
typical intensity in mW/cm² **	16.000 16.000 16.000		
cooling	air cooling		

* typical lifetime under specified operating conditions

** measured with Hönle UV meter with LED sensor



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