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SALES-SIDE

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A sales support note from VILBER LOURMAT

Super-Bright

AN ULTRAVIOLET TABLE BREAKTHROUGH

Vilber Lourmat introduces a new breakthrough transilluminator to complete its range of UV tables. For the last 15 years, our UV tables have been continuously improved to remain one step ahead in terms of quality and durability. The Super-Bright transilluminator remains on this pathway with unreached results.

■ RESULTS

Super-Bright UV table is dedicated to Syber-Green and Ethidium bromide gels. The transilluminator is equipped with an innovative UV filter which dramatically improves the quality of gel visualization and gel documentation.

▪ Gel documentation

Thanks to the Super-Bright table, the excitation light is far away from the gel emission light. This allows the use of the F-480 camera filter which transmits totally the signal of the Syber-Green gel or of the Ethidium bromide.

⇒ **The result** : for Syber-Green, the signal is 25% more important compared to a standard configuration

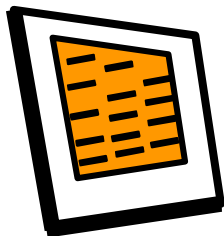
▪ Gel visualization

The Super-Bright filter stops all the visible light produced by the UV tubes. This makes the tubes non visible and then improves the contrast for eye visualization.

⇒ **The result** : by contrast, your eyes can see the very faint bands.



A REVOLUTIONARY FILTER FOR SYBER-GREEN AND ETHIDIUM BROMIDE

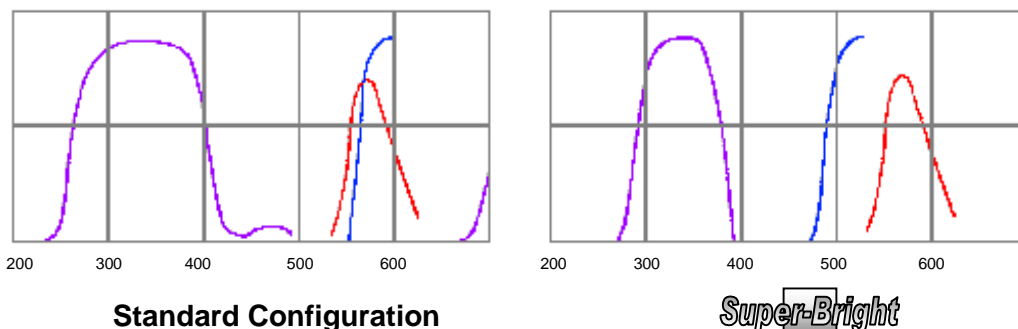





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■ SUPER-BRIGHT VERSUS STANDARD CONFIGURATION



-  Syber-Green light emission (495 – 550 nm)
-  UV filter transmittance
-  Camera filter

Super-Bright : Super-Bright transilluminator and F-480 camera filter

Standard configuration : Standard 312 transilluminator and F-520 camera filter

The Super-Bright transilluminator stops all the visible light emitted by the tubes. The emission light from the UV table is then far-off the fluorescent emission light emitted from the gel. Consequently, gel-doc systems can use an optimum interferential filter which ensures the transmission of the total fluorescent signal.

■ FEATURES

- Works with both Syber-Green and Ethidium bromide
- The UV tubes are no more visible : no more background light
- Better contrast : easiest visualization of very faint bands
- Unlimited filter life expectancy
- Easiest isolation of the Syber-Green fluorescent light : possibility to use a camera interferential filter
- Thanks to this interferential filter, maximum transmission of the fluorescent light to the camera



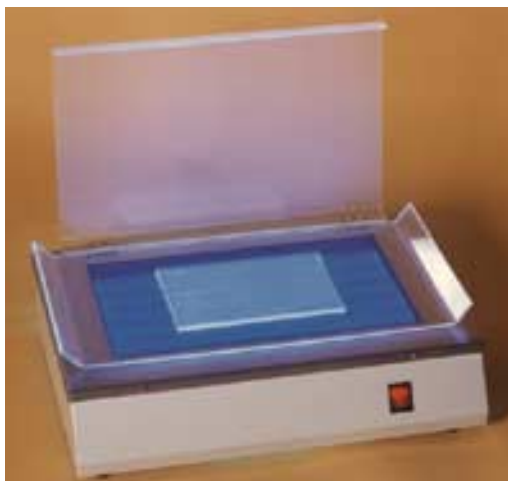
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■ BENEFITS

▪ Standard transilluminator

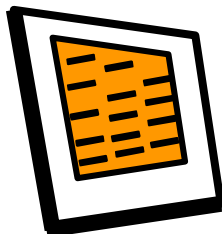


The background light from the transilluminator affects directly the quality of the gel visualization.

▪ Super-Bright transilluminator



The Super-Bright transilluminator stops the background light. The contrast between the transilluminator and the gel is extremely enhanced.



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■ SPECIFICATIONS

▪ Existing models



Filter size : 150 x 150
Tubes : 4 x 8 watts



Filter size : 200 x 200
Tubes 6 x 8 watts or 6 x 15 watts

▪ Super-Bright models

Models	Description	nm	Filter (mm)	Tubes	Intensity ($\mu\text{W}/\text{CM}^2$)
TCP-15 MX	Single intensity	312	150 x 150	4 x 8 watts	7 000
TCP-20 MX	Single intensity	312	200 x 200	6 x 8 watts	8 000
TCX-15 MX	High / Low intensity	312	150 x 150	4 x 8 watts	7 000
TCX-20 MX	High / Low intensity	312	200 x 200	6 x 8 watts	8 000
TFX-20 MX	High / Low intensity	312	200 x 200	6 x 15 watts	10 000

▪ Replacement filters

Models	Description	nm	Models	Filter (mm)
FS-TC15.MX	Without UV safety screen	312	8 w UV table	150 x 150
FS-TC20.MX	Without UV safety screen	312	8 w UV table	200 x 200
FSP-TC15.MX	With UV safety screen	312	8 w UV table	150 x 150
FSP-TC20.MX	With UV safety screen	312	8 w UV table	200 x 200
FS-T20.MX	Without UV safety screen	312	15 w UV table	200 x 200
FSP-T20.MX	Without UV safety screen	312	15 w UV table	200 x 200

This sales-note has been prepared solely for information purposes and for the only use of VILBER LOURMAT sales representatives.

Responsible care has been exercised in the preparation of this booklet. However, we do not guarantee the completeness of the information of this package. This information pack is submitted subject to errors, change in product features or withdrawal without notice.

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