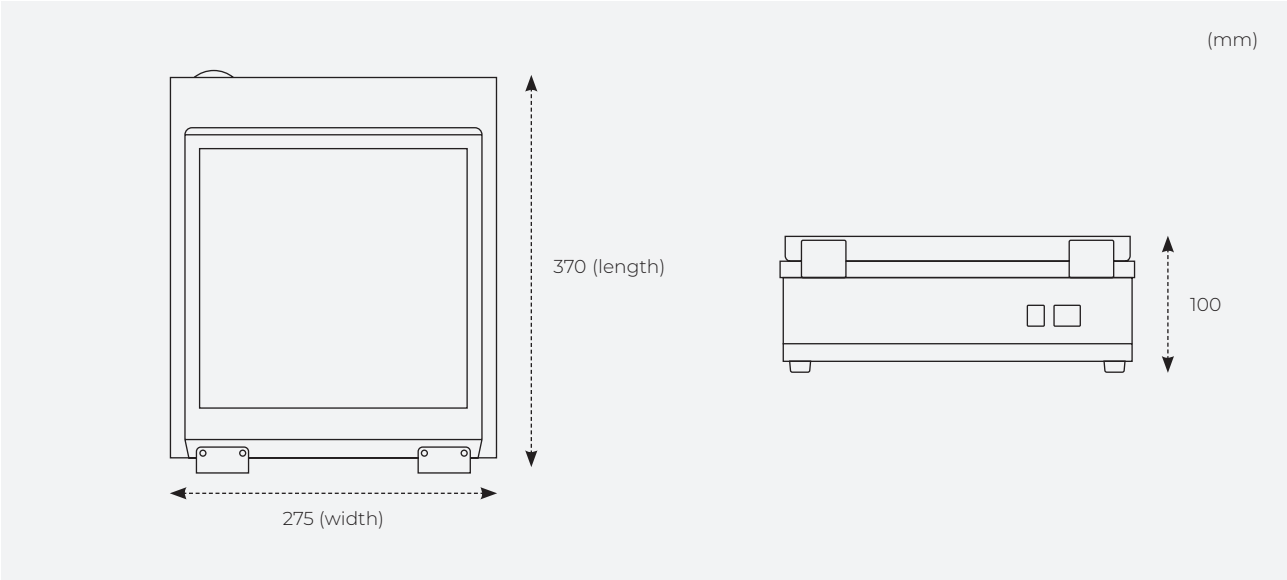
PADS



Features overview

UV safety screen

- total protection for the user against UV rays
- fully adjustable angle
- long lifetime

Filter

- unrivalled UV transmitting quality,
- high capacity for absorption of visible light
- brighter fluorescent response

Reflector

- high reflecting quality to give a perfect diffusion of UV radiation (“Optic” quality)

Filter support

- stainless steel

UV intensity selector (2 positions)

- position 100% for reading, position 70% for preparation

DUAL-WAVELENGTH PADS

The Dual-Wavelength Pad combines two UV sources in a single unit, allowing users to switch instantly between 254, 312 and 365 nm for visualization or preparative work. Our Super-Bright Pad includes a specific filter which removes all visible background light, enhancing contrast so that even faint bands appear sharply defined. With adjustable intensity, a stainless-steel frame, and long-life UV filters, our Pads deliver reliable and homogeneous illumination for the most demanding fluorescence tasks.

UV TRANSILLUMINATORS

MODEL	Wavelength (nm)	Filter Size (mm)	Tubes x Power (W)	Irradiance (mW/cm²)
Super-Bright Pad TCP-26.LMX	365 / 312	210 x 260	4 x 8 365nm & 5 x 8 312nm	7.2 for 365nm – 5.8 for 312nm
TCP-26.LM	365 / 312	210 x 260	4 x 8 365nm & 5 x 8 312nm	6.4 for 365nm – 5.4 for 312nm
TCP-26.LC	365 / 254	210 x 260	4 x 8 365nm & 5 x 8 254nm	5.2 for 365nm – 7.6 for 254nm
TCP-26.MC	312 / 254	210 x 260	5 x 8 312nm & 4 x 8 254nm	8.4 for 312nm – 5.2 for 254nm

SINGLE-WAVELENGTH PADS

Single-Wavelength Pads offer a simple, cost-effective solution for routine gel visualization. The 312 nm Pad is also available in Super-Bright version.

MODEL	Wavelength (nm)	Filter Size (mm)	Tubes x Power (W)	Irradiance (mW/cm²)
Super-Bright Pad ECX-F26.MX	312	210 x 260	5 x 8	8.0
ECX-F26.M	312	210 x 260	5 x 8	10.0
ECX-F26.C	254	210 x 260	5 x 8	7.0
ECX-F20.L	365	200 x 200	5 x 8	7.0
ECX-F20.M	312	200 x 200	5 x 8	10.0
ECX-F20.C	254	200 x 200	5 x 8	7.0
ECX-F15.M	312	150 x 150	5 x 8	10.0

BLUE PAD

The SkyLight Blue Pad uses high-intensity LEDs to visualize nucleic acids and proteins without UV exposure. Blue light eliminates DNA and RNA damage during gel excision or cloning, maintaining sample integrity for downstream applications. The system provides uniform, flicker-free illumination and supports a wide range of fluorescent dyes, including SYBR®, GelRed®, and Midori Green™. Designed with a stainless-steel frame and protective glass surface, the Blue Pad offers both safety and performance.

MODEL	Wavelength (nm)	Filter Size (mm)	Tubes x Power (W)	Irradiance (mW/cm²)
ECX-F20.SkyLight	480	200 x 200	Monochromatic LED	8.0

WHITE PAD

With its five 8-watt fluorescent tubes beneath a 200 × 200 mm surface, the White Light Pad delivers a uniform and stable light field ideal for documentation or visual control tasks. The robust stainless-steel housing ensures durability and easy cleaning, while the homogeneous white lighting improves contrast without glare or hotspots.

MODEL	Wavelength (nm)	Filter Size (mm)	Tubes x Power (W)	Type
ECX-F20.W	/	200 x 200	5 x 8	White Light

Safety Warnings

Vilber's Pads must be connected to a wall outlet having protective earth terminal. Connecting to ground is an obligatory protection. Never obstruct the air admission grids of the unit. Do not expose the unit to moisture or rain, and disconnect from power if unused for extended periods. Disconnect the power cord by grasping the plug. Never pull the cord itself. Protect eyes and skin from ultraviolet rays, and ensure adequate ventilation around the unit to avoid overheating. All connected equipment must comply with IEC standards for safety.

Maintenance

- To clean the surface of the filter, use a mild solvent or warm water. Dry with a soft cloth.
- The filter is porous, so try to keep it dry.
- Normal cycle using: 1 to 25 minutes.

Warranty

Our products (except Compact Flash®, light tubes and filters) are warranted against faulty construction or defective material for a period of two years from the date of supply. Our products are not warranted for damage due to carelessness, incorrect use or bad maintenance.

Declaration of Conformity

The Pads comply with the requirements of the EC Directive 2004/108/EEC, 2006/95/EEC and EN 61010-1 (electro-magnetic compatibility and low voltage. The electro-magnetic susceptibility has been chosen at a level that gains proper operation in residential areas, on business and light industrial premises and on small-scale enterprises, inside as well as outside of the buildings. All places of operation are characterized by their connection to the public low voltage power supply system.

WARNING: UV radiation can be dangerous for unprotected eyes and skin, therefore we recommend the user to wear UV protective glasses (LP-70) or face-shield (MP-1000). Blue LED light can be dangerous for unprotected eyes, therefore we recommend the user to wear LED protective glasses (LP-50).