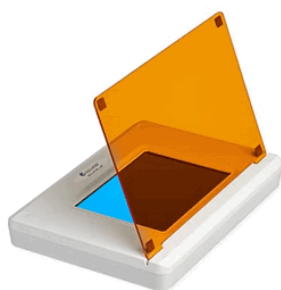


## Benchmark Scientific Accuris Instruments SmartBlue Transilluminator

**Description** • The SmartBlue Transilluminator works well with the new fluorophors that have been developed to replace the traditional method of nucleic acid detection with toxic Ethidium bromide

- It emits blue light at a wavelength of 465 nm, perfect for excitation of most green fluorophors, including Accuris' SmartGlow, as well as many protein stains
- Exposing DNA to this wavelength does not cause damage, and results in a much higher down stream cloning efficiency as compared to even short UV light exposures
- In addition, the visible blue light is not damaging to the skin, and less harmful than UV to the eyes†



- The SmartBlue transilluminator requires no special shielding, however, the amber cover, which rests above the viewing surface and gel, filters out the blue light, allowing the bands to be seen clearly
- The cover can be placed at a 60° angle to provide easy access to the gel for band excision
- For documentation, the filter cover is easily removed completely

- Engineered diffusers and filters provide an extremely evenly lit viewing surface
- Even in ambient light, bands of DNA can clearly be seen in gels
- An array of super bright LEDs with a long, 30,000 hour service life provide the light source for the SmartBlue Transilluminator
- Unlike those in a UV Transilluminator, the filters in the SmartBlue will not solarize and degrade in performance over time
- Gel bands can be excised directly on the scratch resistant, glass viewing surface
- To save energy, the power switch includes an automatic 5 minute shutoff

### Specifications:

- Light source: High intensity LEDs
- Filter cover: Amber
- Wavelength: Peak at 465 nm
- Viewing surface: 6.6 x 4.75 in. (17 x 12 cm)
- Exterior dimensions: 12.8 x 8.5 x 1.9 in. (30.5 x 21.5 x 5 cm)
- Electrical: 100-240V, 50-60 Hz
- Weight:

| Order        | 29-Apr-2024 17:36: PM PDT   |                         | PRICES ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. |             |      |            |      |
|--------------|---|-------------------------|--|-------------|------|------------|------|
| Catalog      | Item  | Availability            | Manufacturer                                       | Mfg. Part # | NDC# | Your Price | Unit |
| 375-10013-EA | SmartBlue Blue Light Transilluminator with Amber Filter Cover, US Plug, 120V - 1 ea | <a href="#">Sign In</a> | Benchmark Scientific                               | E4000       |      |            | EA   |
| 375-10019-EA | SmartBlue Replacement Amber Cover - 1 ea  |                         | Benchmark Scientific                               | E4000-AC    |      |            | EA   |