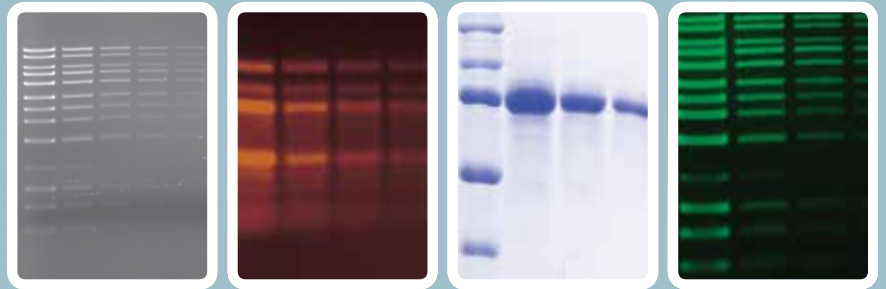




## OMEGA FLUOR™ PORTFOLIO



Omega Fluor™ Plus  
Omega Fluor™



# Omega Fluor™ Imagers

Simple enough for personal use,  
versatile enough for a lab



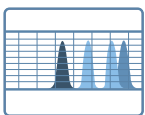
Omega Fluor Plus brings power and performance in an advanced, yet compact solution for superior DNA and protein imaging. In addition to the standard features included in the Omega Fluor Imager, the Omega Fluor Plus offers an integrated touch screen tablet for seamless imaging, standard epi-blue illumination for Safe-dye compatibility and a 3-position filter wheel for expanded dye flexibility. Optional white light trans-illumination, filters and analysis software complete the imaging solution.

Omega Fluor is the perfect entry level system for researchers performing basic DNA or protein imaging. Exceptional performance is achieved with a high resolution camera and optics featuring SmartCapture technology. UV trans-illumination comes with built in safety features, including a UV shielded viewport for real-time preview.



#### SmartCapture technology

Never worry about focusing on your image again



#### Application Flexibility

Multiple excitation and emission options provide exceptional dye and stain compatibility



#### Intuitive Image Capture Software

Workflow-driven interface for easy operation

exceptional  
performance for  
DNA or protein  
imaging

# Comparative Spec Table

|                       |                                 | Omega Fluor Plus      | Omega Fluor           |
|-----------------------|---------------------------------|-----------------------|-----------------------|
| Applications          | DNA Gels                        | X                     | X                     |
|                       | Protein Gels (fluorescent dyes) | X                     | X                     |
|                       | Protein Gels (colorimetric)     | Optional              | Optional              |
|                       | X-ray Film                      | Optional              | Optional              |
| Dyes and Stains       | UV-excitable Fluorescence       | X                     | X                     |
|                       | Blue-excitable Fluorescence     | X                     | Optional              |
|                       | Colorimetric/ Absorbance        | Optional              | Optional              |
| Excitation sources    | Trans-UV Illumination (302 nm)  | X                     | X                     |
|                       | Trans-UV Illumination (365 nm)  | X                     | X                     |
|                       | EPI-white Illumination          | X                     | X                     |
|                       | EPI-blue Illumination           | X                     | No                    |
|                       | Trans-white Illumination        | Optional              | Optional              |
|                       | Trans-blue Illumination         | Optional              | Optional              |
| Emission Filters      | Orange (590 nm)                 | X                     | X                     |
|                       | Red (670 nm)                    | Optional              | Optional              |
|                       | Green (572 nm)                  | Optional              | Optional              |
|                       | Blue (498 nm)                   | Optional              | Optional              |
| System Specifications | Resolution                      | 5 MP                  | 5 MP                  |
|                       | Lens                            | Fixed                 | Fixed                 |
|                       | Cooling                         | No                    | No                    |
|                       | Filter Wheel                    | 3-position            | 1-position            |
|                       | Integrated Computer             | Tablet                | No                    |
|                       | Image Capture Software          | Yes                   | Yes                   |
|                       | Analysis Software               | Optional              | Optional              |
|                       | Field of View:                  | 24.0 x 20.0 cm        | 24.0 x 20.0 cm        |
|                       | Footprint (W-D-H):              | 35.6 x 31.8 x 63.5 cm | 35.6 x 31.8 x 63.5 cm |

# Ordering Information

| Part Number   | Description  |
|---------------|--|
| <b>SYSTEM</b> |  |
| 81-12520-00   | Omega Fluor™ Gel Documentation System, 302 nm      |
| 81-12530-00   | Omega Fluor™ Gel Documentation System, 365 nm      |
| 81-12521-00   | Omega Fluor™ Plus Gel Documentation System, 302 nm |
| 81-12531-00   | Omega Fluor™ Plus Gel Documentation System, 365 nm |

## ACCESSORIES

|             |                               |
|-------------|-------------------------------|
| 34-12018-00 | Clear Gel Tray (Small)        |
| 34-12215-00 | Clear Gel Tray (Large)        |
| 34-12019-00 | White Light Conversion Tray   |
| 34-12020-00 | Blue Light Conversion Tray    |
| 23-12021-00 | Printer, P-95DW               |
| 26-12022-00 | Thermal Paper                 |
| 34-12218-00 | Test Target                   |
| 32-12093-00 | Red Filter (676 nm)           |
| 32-12094-00 | Green Filter (572 nm)         |
| 32-12122-00 | Blue Filter (497 nm)          |
| 23-12254-00 | Stylus                        |
| 23-12255-00 | Wireless Mouse & Keyboard Set |
| 23-12257-00 | USB to LAN Converter          |

### VACUTEC (PTY) LTD

P.O. Box 48488, Roosevelt Park, 2129,  
South Africa.

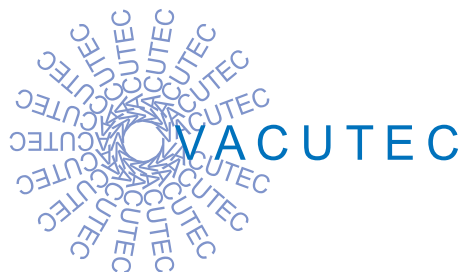
Tel: Jhb 011 475 1823

Dbn 031 301 7617

CT 021 461 9607

Fax. 011 475 1819

email: [sales@vacutec.co.za](mailto:sales@vacutec.co.za)



© 2014 Aplegen, Inc. All rights reserved. The Aplegen word mark, and the Aplegen logo are trademarks of Gel Company, Inc. All other trademarks, service marks and trade names appearing in this literature are the property of their respective owners.