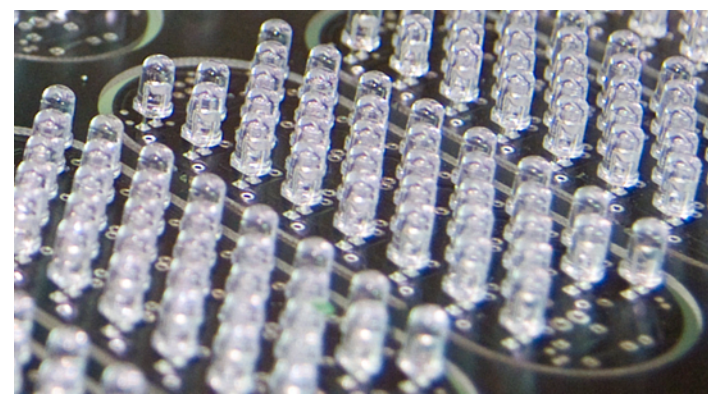


# LEDs

## ATE



From single LED to Lighting Units



## for LED bulbs and LED modules

Today, LEDs are quickly becoming very relevant in terms of lighting systems across various industries, and they may well be what the light bulb was several years ago. The needs for testing products with LEDs are particular, and 6TL has created a platform to fulfill the needs for industrial testing of LED bulbs or LED modules.

Find below the main features of the 6TL-19 SSL, as well as the different versions: Basic, Advanced and Universal.

- Electric test: Voltage Isolation, Current consumption
- Optic test: LED Color and Brightness
- Thermal test: Interface to heatsink efficiency
- Tightness up to 1 Atm: Microlikage measurement
- DUT Up to 250 mm diameter
- Ergonomic platform: Servo-adjustment of working surface height
- Easy exchange fixtures for different products
- Electronic report, labels printer, Code reader
- Control by LabView, TestStand and Vision Builder.

**Basic** - The tester performs an Electric and Optic test to the DUT.

**Advanced** - In addition to the features of the Basic version, an Infrared Camera and the software for automatic and fast thermal image analyzis and thermal interface defects detection is included.

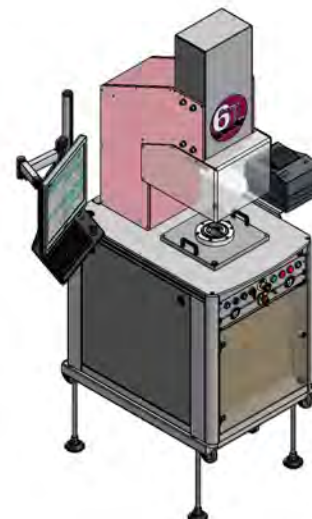
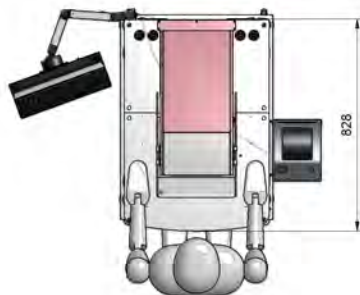
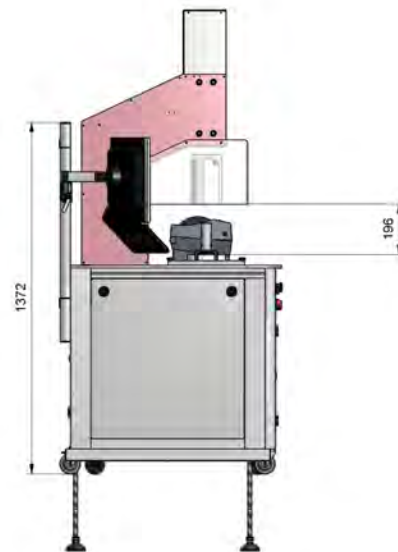
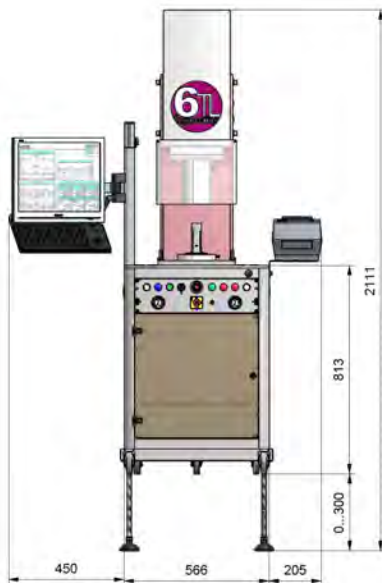
**Universal** - In addition to the Advanced version options, a Micro Leakage detector to test bulbs that must operate under water or under high humidity conditions is included. .

**Common Options to all the versions:** Label printer, Bar code/ Data matrix reader, Light beacon, High Voltage Power supply and kit for Hipot test



## Main Features

<b>Platform Operation</b>	Off-Line
<b>Type</b>	Compact, Stand-alone, with electrically adjustable working surface
<b>w*d*h [mm]</b>	600 x 830 x 2000
<b>Weight [Kg]</b>	188
<b>Press unit</b>	Included; Bi-manual operation; 5,000N maximum force
<b>Fixturing</b>	Low cost exchangeable cassette type and electric connector
<b>Maximum probing area / PCB Size</b>	250 mm diameter
<b>Free space for instruments, loads or power supplies</b>	19" wide, 3 U high x 400 mm free room
<b>Platform control panel</b>	Two pushbuttons for bi-manual test cycle start Up/Down working surface adjustment Power main switch Arm Pushbutton PASS / FAIL Indicators Pressure adjustment knob and indicator Leakage testing device inlet pressure setting knob and indicator
<b>On/Off / Power requirements</b>	85 ... 265 V <sub>AC</sub> , 260W
<b>Platform security management</b>	Emergency Stop Function, with pushbutton, safety relay and two contactors (EN 954-1, EN ISO 13849-1) Lid-Open
<b>TFT panel</b>	17" VGA 16/9 Monitor (Implemented by default in all models except BASIC)
<b>Keyboard + mouse</b>	Yes, Keyboard EU layout with trackball kit (Magnetic lock).



6TL's Base Test Platforms Product Range:



6TL-10



6TL-19



6TL-22



6TL-29



6TL-28



6TL-33 (2 units)



**Headquarters:**

Solsonès, 87-89  
E-08211 Castellar (Barcelona)  
Phone +34 937 270 074  
Fax +34 937 253 576  
info@6TL.es

Austria, Belgium, Brazil,  
Bulgaria, Chile, China,  
Czech Republic, Denmark,  
Egypt, Estonia, Finland, France,  
Germany, Hungary, India,  
Ireland, Italy, Japan, Korea,  
Luxemburg, Mexico,  
Netherlands, Norway, Poland,  
Romania, Russia, Spain, Serbia,  
Sweden, Taiwan, U.K., USA



**MG-Products B.V.**  
**Rijkevoortsedijk 27A**  
**5447 BD, Rijkevoort (NL)**  
**Phone: +31 (0)485 382 133**  
**www: [www.designedfortest.com](http://www.designedfortest.com)**  
**E-mail: [Info@designedfortest.com](mailto:Info@designedfortest.com)**