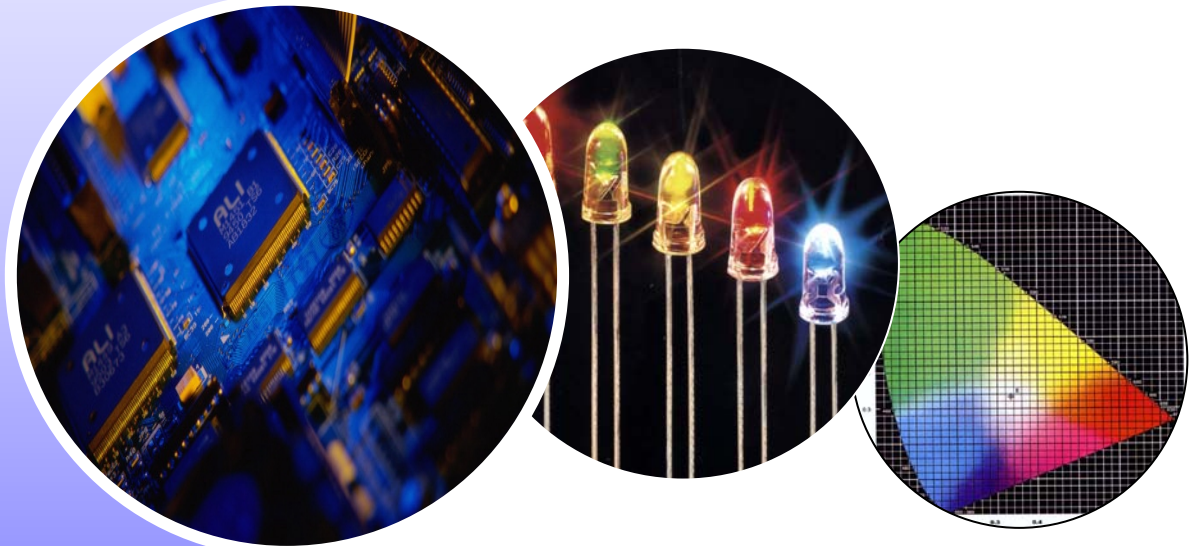


## Functional Test Platform with Visual Inspection LED color and brightness analysis bar code recognition

VT-3030 is the state of the art in color and brightness analysis. Flexible to be configured and operated, VT-3030 offers a great variety of configuration possibilities.

Based on market standards, VT-3030 includes image processing features based on the software application developed with LabVIEW™ by National Instruments.



### SIDeA S.r.l.

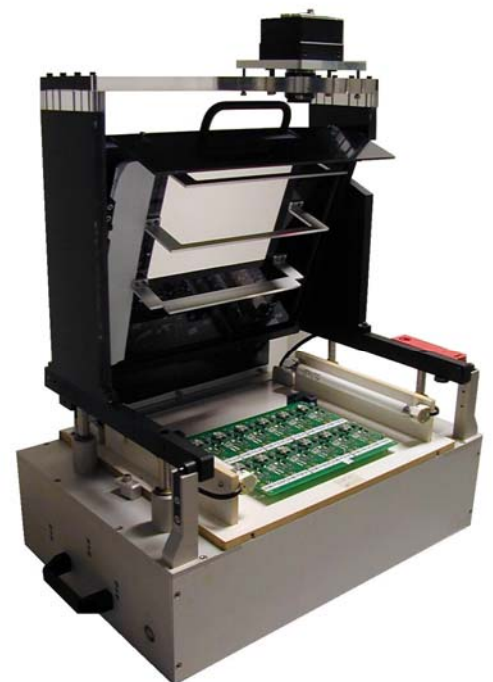
Via Teodosio, 74  
20131 Milano - Italy  
Ph. +39 02 28970097  
Fax. +39 02 28970113

Via Pio XII, 14  
35010 Vigonza (PD) - Italy  
Ph. +39 049 8935952  
Fax. +39 049 8956993

www.sidea.it  
eng@sidea.it

### Features

- Functional Test System
- Presence and orientation components check
- Brightness and color measurement with 1% resolution
- Wavelength measurement
- Bar code reading
- Short circuits detection
- Based on de-facto industry standards
- Interchangeable fixture
- Tilttable fixture for on-line debugging



## Technical specifications

- Max inspection area 210x170 mm
- Geometric resolution 160 µm
- High frequency neon illumination driven by test system
- 32 independent analog/digital channels
- Power supply 14.5V / 1.5A
- Bed of nails or product connectors to DUT
- Camera included
- Image resolution up to 1300x1030 pixels

## Standard configuration

- Digital I/O interface
- Frame grabber
- Signal switching matrix
- Digital/analog camera
- Software application developed in LabVIEW™

Since VT-3030 is an open test platform based on market standards, the configuration can be easily changed accordingly to custom needs for specific applications.



## Part Numbers

VT-3030  
Standard configuration

VT-3031  
Standard configuration with Analog camera instead of digital

VT-3035  
Functional Test System only (without vision subsystem)

VT-3039  
Custom configuration. Call our office to receive assistance in configuring your system.

For further information regarding this product visit [www.sidea.it](http://www.sidea.it) or call our offices.

## SIDeA S.r.l.

Via Teodosio, 74  
20131 Milano - Italy  
Ph. +39 02 28970097  
Fax. +39 02 28970113

Via Pio XII, 14  
35010 Vigonza (PD) - Italy  
Ph. +39 049 8935952  
Fax. +39 049 8956993

[www.sidea.it](http://www.sidea.it)  
[eng@sidea.it](mailto:eng@sidea.it)