

# Optiline

by Teleplan

## Automated, objective cosmetic grading solution for smartphones and other connected devices

Optiline is a solution created to improve the current visual and mechanical inspection and cosmetic assessment prone to inconsistencies and human error.

There has been a growing demand within the mobile and CPE industries for an automated objective grading technology to increase the speed and accuracy of current processes.

Optiline enables the measurements of any traces of use on various surfaces at a high resolution. Its analysis software utilizes artificial intelligence in detecting damages and defects. Optiline records pictures of all tested devices, which in turn can automatically be displayed on any third-party system, including e-commerce platform.

The use of this technology allows Optiline to be used in a production or repair environment for cosmetic quality assessment purposes. It also allows the user to determine the right value and selling price of a used mobile phone, making it relevant to the remarketing industry.



### Features

- Fully automated objective cosmetic grading solution for smartphones and other connected devices
- Grading solution based on state-of-the-art artificial intelligence and image analysis technology
- Immune to surface material on device under grading (glossy, matte, transparent, color) and ambient operational conditions
- Make/model independent
- Operator Touch-time < 10 seconds, ease of load and unload
- Grading process cycle time from 30 seconds (device size dependent)
- Customizable test parameters
- Grading Report and complete grading data collection and storage (images, defects description)
- Multiple HD Camera to take fully comprehensive images

### Benefits

- Consistent and accurate grading to set correct value and expectations
- Objective grading solution avoids inconsistency of a manual process
- High levels of operational process flexibility and integration with customer shop-floor/ERP systems (real-time)
- Avoid customer returns and associated costs through grading errors
- Proof of grade for dispute resolution or audit trail
- Limited operator training requirements
- Maximize value of devices in customer's return and remarketing channels
- Customizable test parameters help cater for different customer programs and requirements

## TECHNICAL SPECIFICATIONS

Machine dimensions (W x D x H)	570 x 685 x 915 mm
Opened dimensions (Depth)	1090 mm
Required space around the unit when in use	+200 mm on sides, +1000 mm on operator side, +600 mm on top to open the lid of electrical compartment
Weight	70kg
Power connection	IEC-320 C-14
Electrics	Supply voltage 100-240VAC/50-60Hz
Power consumption	1.4 kW AVG, 2.3 kW max
Noise level at the workstation	60 dB
Surrounding operating temperature	T < 30°C / 86°F
Max DUT size (L x D x H)	350 x 350 x 80 mm
Max DUT weight	3 kg
Capacity per hour	65-75 units
Control connections	Ethernet
Product load-unload time	10 sec
Workbench required	Yes

To find out how Optiline can benefit your business visit [www.teleplan.com/optiline](http://www.teleplan.com/optiline) and for a **live demonstration** email [tellmemore@teleplan.com](mailto:tellmemore@teleplan.com)

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