



WA CLEAN
TECHNOLOGY



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Be confident in your surface preparation

Based on a patented analytical colorimetry approach, this unique technology can quantify the cleanliness of metallic substrates in regards to ISO-8501-1 and SSPC-VIS 1 specifications.

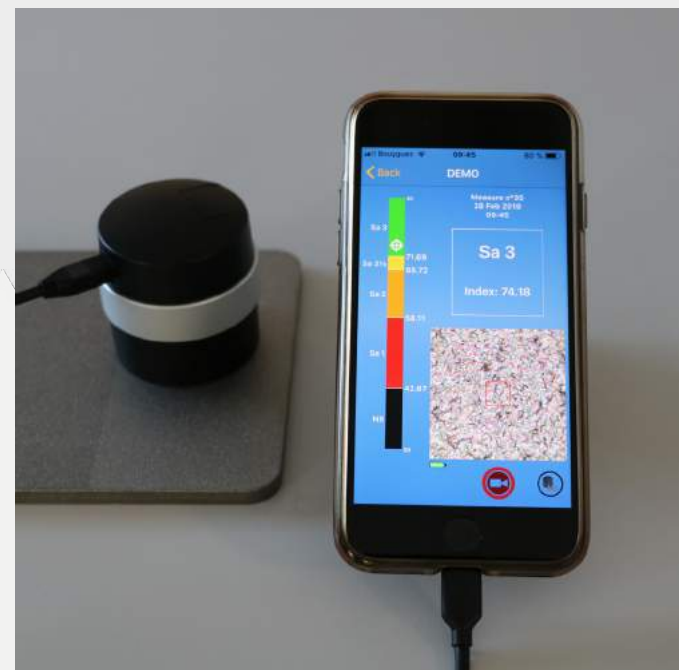
WA CLEAN Heavy duty

for an everyday use in workshop conditions.



WA CLEAN for iOS

a unique technology in your pocket.

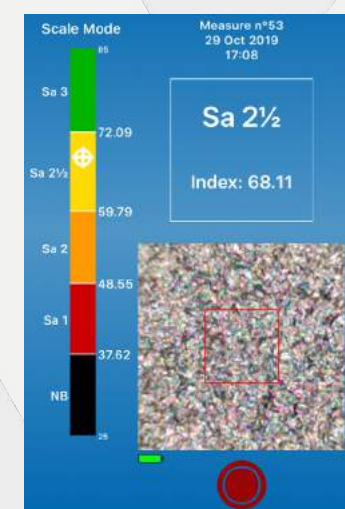


MAIN FEATURES

- Optical analysis device able to evaluate the cleanliness level of a blasted surface
- Quick measurements : less than 2 seconds per analysis
- 2 working modes : cleanliness measurement or PASS/FAIL
- Pre-visualization of the measured area via a built-in digital camera
- Internal memory to save, export and share records
- Automatic PDF reports generation
- Specific adaptors to fit with curved surfaces (pipes, windmill towers...)

USER BENEFITS

- **Have full confidence in your surface preparation operations thanks to an accurate and reliable assessment of cleanliness grade**
- **Reduce non-quality events via immediate identification of process deviations**
- **Reduce your costs by performing the right blast-cleaning, and not more**



Cleanliness measurement interface



PASS/FAIL Interface

TECHNICAL SPECIFICATIONS

	HEAVY DUTY	iOS
MEASURING SURFACE AREA	50 or 200mm ²	25 mm ²
HUMIDITY ENVIRONMENT	20-80% RH	0-80% RH
OPERATING TEMPERATURE RANGE	0°C to 60°C	0°C to 60°C
LIGHT SOURCE	3 colours LED source	White LED source
MEASUREMENT GEOMETRY	45°/0°	45°/0°
POWER SUPPLY	1030 mAh Lithium battery ion	400 mAh Lithium battery ion
AUTONOMY	10 hours average time	4 to 6 hours
DIMENSIONS	140x50x36 mm (LxWxH)	51 x 51 mm (Ø x h)
WEIGHT	160 grams	60 grams
SMARTPHONE COMPATIBILITY	None	Device runs with iPhone 6 and >6
DATA INTERFACE	USB Mass Storage	USB Mass Storage iPhone transfer data options

ACCREDITATIONS

PATENTED TECHNOLOGY



WA CLEAN is a patented technology - **WO 2015/044591 A1** - by W Abrasives, using the CIELAB color components as are defined in ISO 11664-3. An array of color is beamed to the surface of the blasted substrate. As the incident beam hits the surface, certain spectrum of color are absorbed and at the same time reflected off the surface. The coordinates obtained are converted to unique cleanliness level index from 0 to 100.

CERTIFIED ISO/TR 22770



The WA CLEAN Technology is an electronic optical device using as working principle the analytical colorimetry to support the visual assessment of the surface preparation grades of uncoated steel substrates as defined in ISO 8501-1. **The WA CLEAN Technology received the official accreditation via ISO/TR 22770 document.** The WA CLEAN is not meant to replace the ISO 8501-1 standard, but to support the appropriate implementation of the latter one and work in conjunction with industry references.

AWARDED PRODUCT OF THE YEAR

The WA Clean Technology has been endorsed by Paintsquare with Prestige Surface Preparation Product Award for 2019, considering its ability to provide objective, reliable and repeatable evaluations of surface blast-cleaning grades.

