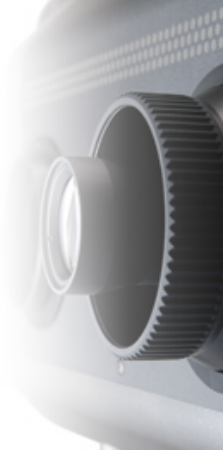




KONICA MINOLTA

NEW

KONICA MINOLTA RANGE7 non-contact 3D digitizer conquers dark surfaces!

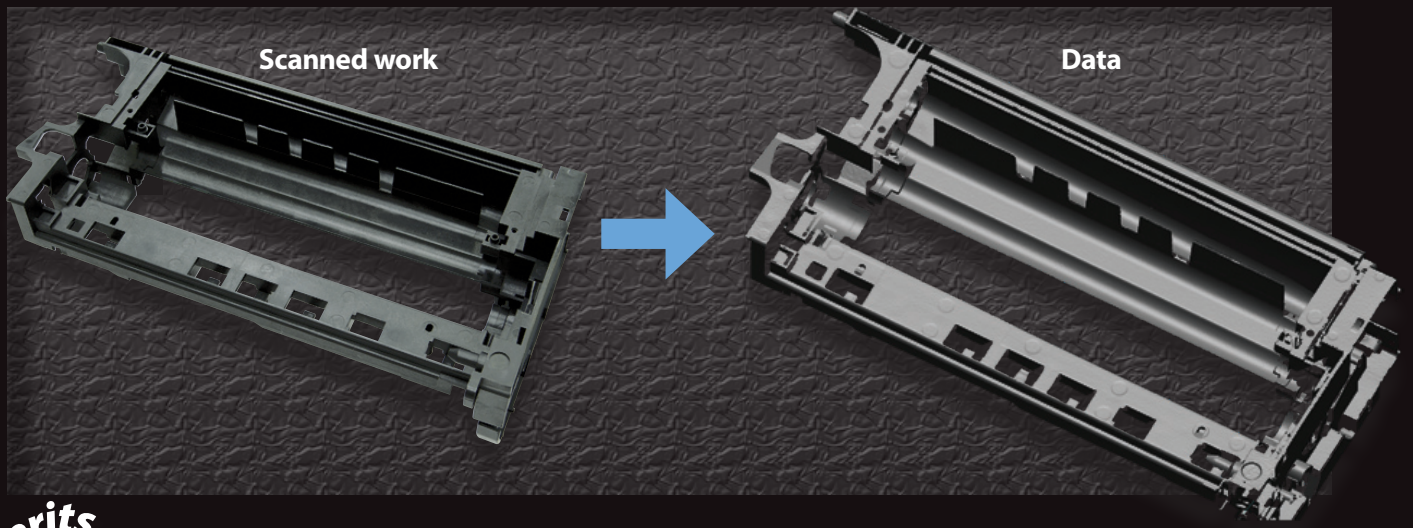


Industry's top level






Measures dark surfaces without spraying or a darkroom

The KONICA MINOLTA RANGE7 has been highly appreciated by mold and parts makers in design and production for scanning a broad range of works such as stampings, machined parts, molds, prototypes, castings, forgings and plastic parts since its introduction in March 2008. Utilizing our data-processing technology, the KONICA MINOLTA RANGE7 was able to measure even shiny surfaces without the spray generally required for ordinary non-contact digitizers. Now, the KONICA MINOLTA RANGE7 has evolved even further to conquer measurement of dark objects (down to reflectances of approx. 2.5%^{*1}) without spray or a darkroom.^{*2}

Dark surface scanning example



Merits

-  **Eliminates measurement errors caused by uneven spray layer thickness!**
-  **Eliminates need for preparation and disposal of sprayed objects!**
-  **Reduces environmental loads by eliminating spray and cleaning fluids!**
-  **Able to scan in a normal working environment (office environment^{*3})!**
-  **Eliminates the need for a darkroom (supplemental equipment)!**

*1. Reflectance at 660nm excluding specular reflectance. Based on KONICA MINOLTA standard measurement conditions.

*2. Although performance has been greatly improved compare to our previous instruments, there is no guarantee that the KONICA MINOLTA RANGE7 can measure all dark surfaces or shiny surfaces without spraying. Whether or not treatment of the surface prior to measurement is necessary depends on actual use conditions, and test measurements are recommended.

*3. 500 lx or less

An upgrade service to add this function to previously purchased KONICA MINOLTA RANGE7 scanners is also available. Contact your nearest service facility for more information.



The essentials of imaging



RANGE7

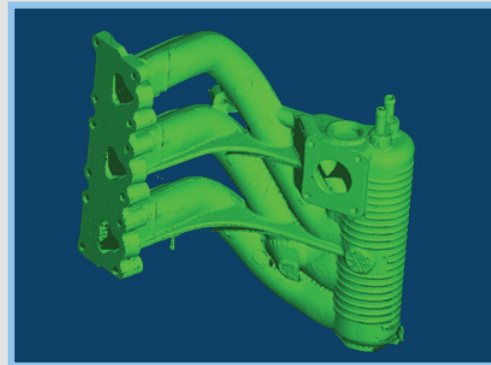
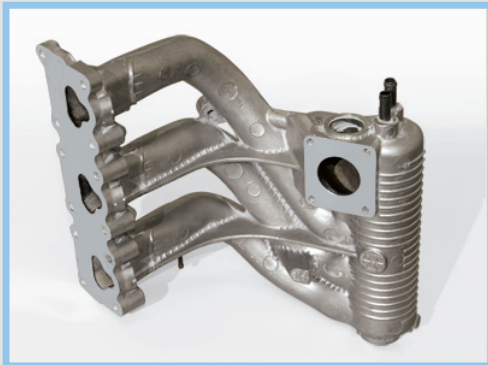
NON-CONTACT 3D DIGITIZER

Includes 2 lenses (TELE, WIDE)
as standard accessories.

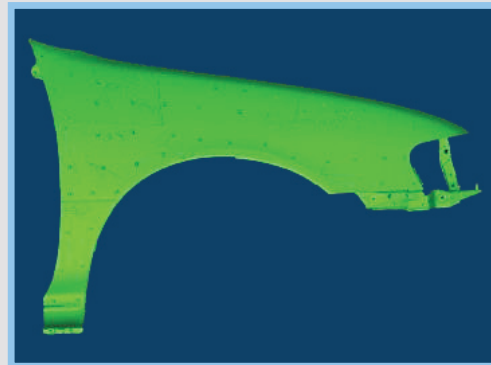
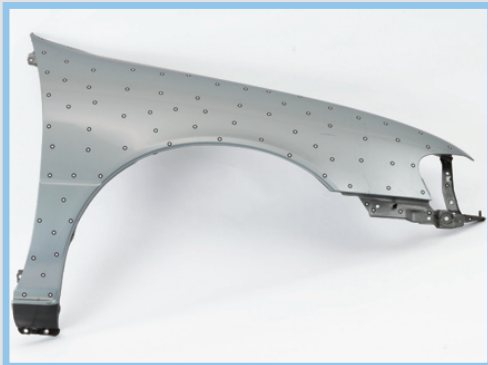
Examples

Scanning shiny surfaces without spray or darkroom is of course also still possible.

Example 1



Example 2



➔ For product specifications, please refer to the KONICA MINOLTA RANGE7 product catalog.

SAFETY PRECAUTIONS



Read all safety and operating instructions before operating the KONICA MINOLTA RANGE7.

- Use only a power source of the specified rating. Improper connection may cause a fire or electric shock.
 - Do not stare into the laser beam.
- (MAX. 34mW 660nm, CLASS 2 (IEC) LASER PRODUCT)



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KONICA MINOLTA SENSING, INC.
Konica Minolta Sensing Americas, Inc.

Osaka, Japan
New Jersey, U.S.A.

E-Mail : 3dsales@konicaminolta.jp
Phone: 888-473-2656 (in USA), 201-236-4300 (outside USA)
E-Mail : vivid3d@se.konicaminolta.us

Web : <http://konicaminolta.com/instruments>
Web : <http://se.konicaminolta.us/3d>

Fax: 201-785-2482

Konica Minolta Sensing Europe B.V.

German Office

München, Germany
E-Mail : info.germany@seu.konicaminolta.eu
Roissy CDG, France

Phone: +49 (0) 89 630267-9700

Fax: +49 (0) 89 630267-9799

French Office

E-Mail : info.france@seu.konicaminolta.eu
Milton Keynes, United Kingdom

Phone: +33(0)1 493-82519

Fax: +33(0)1 493-84771

UK Office

E-Mail : info.uk@seu.konicaminolta.eu

Web : <http://www.konicaminolta.eu>

Phone: +44(0)1908 540-622

Fax: +44(0)1908 540-629

Italian Office

Milan, Italy
E-Mail : info.italy@seu.konicaminolta.eu

Web : <http://www.konicaminolta.eu>

Phone: +39 02 390111

Fax: +39 02 39011.223

Polish Office

Wroclaw, Poland
E-Mail : info.poland@seu.konicaminolta.eu

Web : <http://www.konicaminolta.eu>

Phone: +48 71 734 52 11

Fax: +48 71 734 52 10

Konica Minolta (CHINA) Investment Ltd.
Konica Minolta Sensing Singapore Pte Ltd.

SE Sales Division

Shanghai, China
Singapore

Phone: +86-021-5489 0202
Phone: +65 6563-5533

Fax: +86-021-5489 0005
Fax: +65 6560-9721

Addresses and telephone/fax numbers are subject to change without notice.
For the latest contact information, please refer to the KONICA MINOLTA SENSING Worldwide Offices web page.

<http://www.konicaminolta.com/instruments/about/network>