

Easy to use

Exeter Engineering will train your staff to run OCULUS but with our ID Technology, it almost runs itself, leaving you to better use your team where you need them most.



	GOOD	1	SECONDS	2	BAD
Min. Top Wash					
Max. Top Wash					
Min. Length [mm]					
Max. Length					
Shape [kg/ha]					
Rot [L]					
Global Spot					
Rotundity [%]					
Spots [%]					
Cut / Crack [mm]					
Green [L]					
Colour Lab 1 [%]					
Colour Lab 2-Ends [%]					
Overall					

Intuitive software

Control software is simple and intuitive. Operators can make quick and easy adjustments to the parameters. Environment and analysis data is easily exported.

Compact and flexible

OCULUS comes in three sizes, to meet your needs: The OCULUS 1000, the OCULUS 1300, and the OCULUS 2000. It will fit neatly into existing lines, or we can design new lines to meet your expanded needs, all in a fraction of the space other machines require.



We're there for you

Exeter Engineering has been in business since 1978. We're family owned and operated, and we stand by everything we build. We'll install your OCULUS, train your staff to run it and be by your side as you enjoy the benefits of your new machine. We even offer service contracts that will guarantee a technician at your site within 24 (North America) to 48 (worldwide) hours.

For gentler, more accurate, and smarter sorting, think OCULUS, by Exeter Engineering and Key Technology. If you'd like more information on what OCULUS can do for you, contact us today.

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OCULUS

Gentler. More Accurate. Smarter.



Exeter
ENGINEERING

Exeter
ENGINEERING

OCULUS

The new standard in intelligent potato sorting

Unique roller design

The unique roller design in the OCULUS ensures that each potato is observed from all sides—seeing your product with 360-degree vision. With custom LED lights tuned to optimal wavelengths and state-of-the-art cameras for high-resolution imagery in both visible and infrared light spectrums, OCULUS sorts your product more accurately.

Shorter drop

OCULUS uses a shorter drop than other machines—about half; 20in. vs 40in.—minimizing damage to your product. That also means we don't need fancy finger belts that need replacing every two years. Ours will last 10 or more. . . and still keep your potatoes in top shape.

Exclusive ID Technology

Our exclusive ID Technology is industry leading. Combining a huge dataset—perfected during years of intensive testing—and superior imaging, aided by the OCULUS roller design, the ID Technology system will not only see how the whole of your product looks, it will know what that appearance means. That translates to better accuracy (97% in the lab), lower costs (savings of 50% or more) and better food safety. . . gains that will continue to increase the more you use your OCULUS.

Flexible finger banks

Flexible finger banks are gentle on product. They're so gentle, they last over twice as long as competing machines. Moreover, when you need to clean or do maintenance, the intelligent design makes the fingers easy to access and minimizes downtime on your line.

Fits your business

OCULUS fits your business. It's 25% smaller than traditional sorters, with 30% fewer parts. Outstanding reliability is part of the package: OCULUS operating costs are 60% less than competitors, with less maintenance and fewer parts that need replacing.

