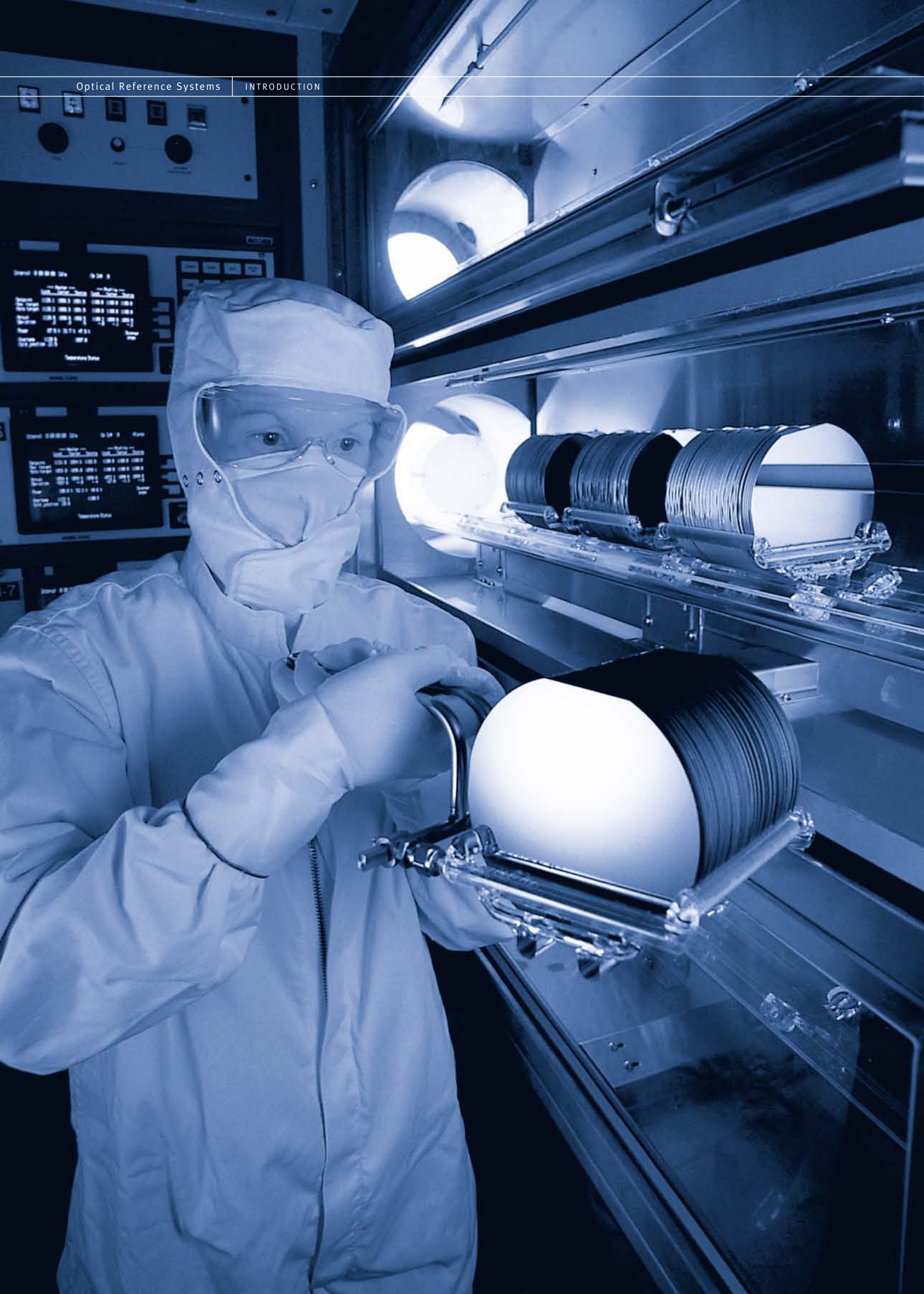
take control

Unparalleled expertise
Cutting-edge technology
Global reach
Total service



INTRODUCTION

take control

ORS represents unparalleled knowledge and expertise at the forefront of today's cutting-edge technology. Our unique, bespoke hardware and software packages provide innovative thin-film monitoring solutions for production and R&D. Choose the smart option – choose ORS. And regain control.

Optical Reference Systems, founded in 2000, enjoys a global reputation for designing and building the world's most advanced intelligent thin-film monitoring systems. Our mission is to provide the No. 1 instrument of choice to all engineers who seek accurate, stable and flexible systems when it comes to monitoring thin-film deposition.

ORS was originally set up to serve the needs of the academic engineering community specialising in MOCVD. Today, with substantial venture capital investment, we are experiencing unprecedented growth. We are increasingly approached by large customers from commercial markets who are discovering for themselves that ORS alone can satisfy their requirements for superior, reliable and easy-to-use instruments and sophisticated software that can be used for an ever-widening range of applications in thin-film deposition. Our aim is to innovate continuously, to find faster and more intuitive ways of monitoring as thin-film markets expand into exciting new areas of use.

The team at ORS are highly experienced professional scientists and managers, with hands-on practical knowledge of thin-film deposition. Every single team member, from the directors to the sales staff, has relevant PhDs and other qualifications in our industry. When you talk to ORS, you can rest assured you'll be consulting with experts who know what they are talking about.

WHAT WE DO

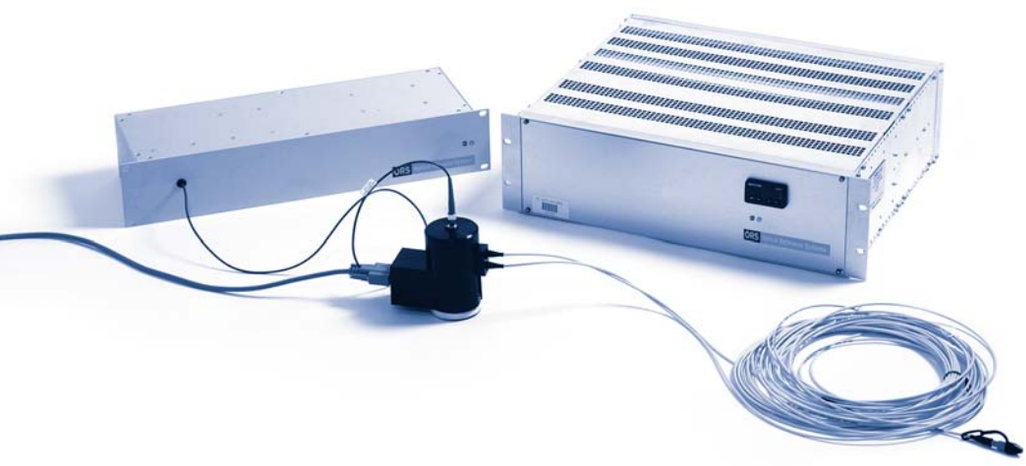
flexible vision

ORS's cutting-edge monitoring systems can be installed on any type of film-deposition reactor. Whichever type of reactor you use in your industry – whether commercial or custom-built – our bolt-on monitoring devices are totally flexible to fit your needs.

In today's tough business environment, monitoring your processes is essential; reliable information is a must if you want to stay profitable and ahead of the game. It's a similar story in academic research. ORS has dedicated itself to the pursuit of real, usable information in the arena of thin-film monitoring. Unlike our competitors, our products provide exactly that – instantly understandable information, not graphs that need hours of interpretation. ORS's custom software packages provide a fully automated quantitative analysis process in real time and deliver better results that offer you real value.

The beauty of our revolutionary software lies in the fact that it needs no user intervention. You can just start up your reactor, begin monitoring and let the computer do the calculations you need, second by second, while your engineers focus on other tasks. Fast and accurate computer-generated results mean you can recalibrate your processes at the earliest opportunity, leading to increased efficiency and saving you valuable staff time and money.

We specialise in bespoke provision – all our systems are fully customisable and our hardware and software product ranges can be mixed and matched to provide the precision you require. ORS can assess your requirements and prescribe a tailor-made package to suit.



High quality instruments that deliver reliable results

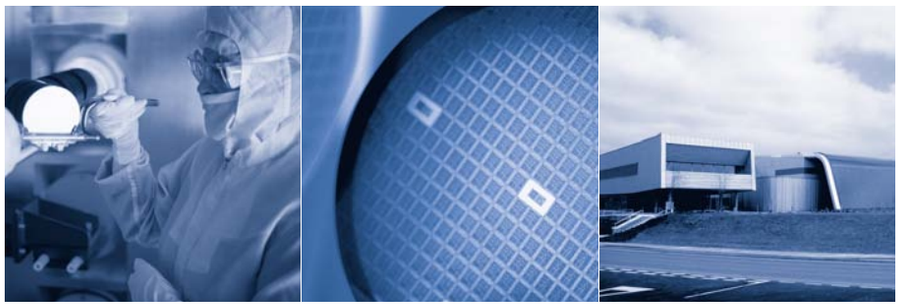
PASS BOX

STRONG SUPPORT

total service

Investing in optical systems is an expensive business, so you want to be sure you make the right choice and spend wisely. ORS prides itself on providing quality products and dependable service. Buy ORS and discover how you can gain a significant positive impact on your manufacturing processes.

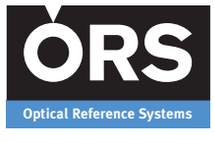
Our expert staff create distinctive products while offering reliable support



ORS is well established in the global market and already has many satisfied customers in diverse industries. We have built our reputation on our willingness and ability to work with clients to help them find solutions to specific problems. We are a tried and trusted expert partner for industries engaged in thin-film monitoring.

When you buy an ORS system, you get exactly what you pay for – our prices are fully inclusive, with no hidden extras. We guarantee that you won't suddenly discover that you have to pay additional costs for the software you need to run the monitoring system, or our expertise during the installation process. A one-off cost for long-term benefit.

ORS provides a full customer support service, which includes 20 hours' free consultancy, when you purchase one of our products. All our monitoring devices are supplied with full installation instructions that are easy to follow. No matter where you are, ORS can be with you all the way should you need back-up.



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