

LEAK TEST CALIBRATION MADE EASY

by direct drilling of packaging

Packaging integrity is of paramount importance to the pharmaceutical and medical industry and accurate measurement of the integrity of the packaging is regularly required. The equipment used for testing the packaging also requires regular testing and calibration throughout its service life.



CALIBRATION of LEAK TEST EQUIPMENT

Oxford Lasers offer a fast, reliable method of calibrating leak test equipment by drilling small, calibrated leaks (micro holes) directly into product packaging.

CUSTOM DRILLING SERVICE

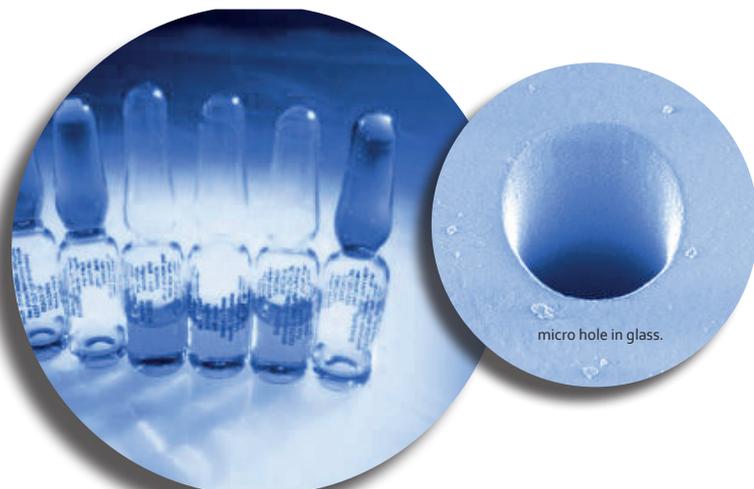
Oxford lasers have specialist knowledge in machining difficult materials and have been providing calibrated holes for leak test purposes for many years.

With the ability to directly drill into: glass ampoules, glass vials, pouches, syringes,

aerosol spray cans, and blister packs. Oxford Lasers can drill glass up to 1mm thick with holes down to 5 microns. Blister packs; traditionally made from laminated foils, can also be easily drilled with a variety of hole sizes from 5 to 500 microns.

CONFIRMATION OF PERFORMANCE

A Certificate of Conformity is available on request. Alternatively, Oxford lasers can provide a full drilling report complete with images and measurements for all parts or a representative sample.



LEAK TEST CALIBRATION

CAPABILITY

Materials	Metals, Polymers, Glass, Ceramics
Packaging types	Vials, Ampoules, Blister packs, Syringes, Aerosol Sprays
Hole sizes	5 - 500 microns
Material thickness	50 - 1,000 microns
Calibration accuracy	available standards +/-3, +/-5 or +/-10 microns
* Dependant on material type and thickness	

RAPID TURNAROUND

Our dedicated in-house system benefits customers with a quick turnaround service, whether the requirement is for standard pinholes or bespoke micro drilling, from one off pieces to volume batches. Simply send us the sample packages to be drilled and within a few days, we will return them drilled to your exact specifications.

About Oxford Lasers:

Proudly supplying industries and universities with Laser Micromachining and High Speed Imaging systems and services for over 30 years. Oxford Lasers objective is to supply practical, usable solutions based upon leading edge designs and processes. Since 1990, the Application Labs at Oxford Lasers have processed thousands of different jobs covering a wide variety of industries, materials and applications. Today, a third of the staff are expert Ph.D. scientists and engineers who have a unique breadth and depth of experience, providing leading edge laser micromachining processes and system solutions to our global customer base.

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