

LAMBDA SpA

Via Dell'Impresa 1



36040 Brendola (VI) - Italy

Company profile

LAMBDA begins its activity in the field of cultural heritage conservation in Italy in 1987, as a part of R&C Scientifica, when it carries out its first microclimatic studies in the cultural heritage field. As of 1997, LAMBDA is an independent company that produces hi-tech monitoring systems for the recording of the parameters that make up the microclimate of museums and other historical sites. Sensors for the measurement of temperature and relative humidity, along with radio and wire data collection units are assembled directly in our laboratories in Vicenza, the city of Palladio, not far from Venice. LAMBDA offers its clients a complete monitoring service that includes the positioning, installation and maintenance of all the necessary instruments, followed by data collection, graphic elaboration and interpretation. The study of the microclimate is often accompanied by other types of analysis for the evaluation of the state of conservation of ageing material.

LAMBDA is also specialized in laser applications for the cultural heritage field: many private conservators and institutions all over Europe are using our lasers for the cleaning of the most diverse and delicate materials, from stone façades to feathers.

LAMBDA has monitored many of the world's most important artistic and archaeological sites. Thanks to years of collaboration with the main research institutions in Italy, our company has been able to gain accurate and thorough scientific knowledge, always at our client's disposal to guarantee sound advice and offer effective monitoring and conservation solutions.

<i>SITE</i>		<i>DESCRIPTION</i>
LEONARDO'S LAST SUPPER, MILAN, ITALY 	Monitored since 1993	LAMBDA has carried out microclimatic measurements before and during the restoration of the world famous painting by Leonardo. We are currently active today on site with a 14 sensor system-
PALAZZO GRASSI, VENICE, ITALY 	Since 2006	A permanent data acquisition system comprised of 45 temperature and relative humidity sensors has been installed inside the newly refurbished international exhibition hall.

**NECROPOLIS UNDER
S.PETER'S BASILICA, VATICAN
CITY**



Since 1992

Since initial investigation, begun in 1992, in 2006 a new 35 sensor system has been installed in this extraordinary hypogean site. Air quality sensors that measure the concentration of carbon dioxide and oxygen are also present.

**MARCIANA LIBRARY,
SANSOVINO HALL, VENICE**



Since 2003

After an initial monitoring campaign with a wireless system to identify the causes of the ongoing degradation of the decorations of the Sansovino Hall, the existing heating system was integrated with humidifiers that are directly controlled by the monitoring system.

**PATIO DE LOS LEONES; SALA
DE LOS REYES, ALHAMBRA,
GRANADA (SPAGNA)**



2001

Environmental monitoring of the Patio de los Leones and Sala de los Reyes at the Alhambra.

**PEÇ/PEJE PATRIARCHATE,
KOSOVO**



Since 2005

A complete microclimate and static monitoring system is installed in the Patriarchate, thanks to the collaboration with the Italian conservation institute ISCR and INTERSOS NGO.

...and many more cultural heritage sites all over Italy and abroad...