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CONTACT INFORMATION

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 Manager

KEY FIGURES

Turnover (2014) : 3.73 M€
 part of the turnover on the export
 (market) (2014) : 20%
 Employees : 23

CERTIFICATION

CEFRI

Equipment categories
 Industrial robotics /
 Measurement & control / CNC

SYMÉTRIE

PRESENTATION / KNOW-HOW

SYMÉTRIE **designs and manufactures precision positioning & motion systems** that meet the most specific needs of industrialists and research laboratories.

SYMÉTRIE is a **specialist of the hexapod**, which is used to position an object in space following the 6 degrees of freedom with high accuracy, resolution and stiffness.

SYMÉTRIE has a significant experience in large scale technological projects (Laser MegaJoule, JWST and GAIA space telescopes).

SYMÉTRIE is also an expert in dimensional metrology. Its team of engineers and metrologists realizes on site measurements using laser tracker or laser interferometer to make 3D inspections or machine tools calibrations.

SYMÉTRIE won the **1st prize of French metrology in 2007**.

MARKETED PRODUCTS

Precision instruments, electronic	1	2				
Testing			3			
Other testing machines			3			
Machine calibration			3			
Maintenance of machines			3			
Inspection and control			3			

BRANDS PORTFOLIO

1

MICRONIX

2

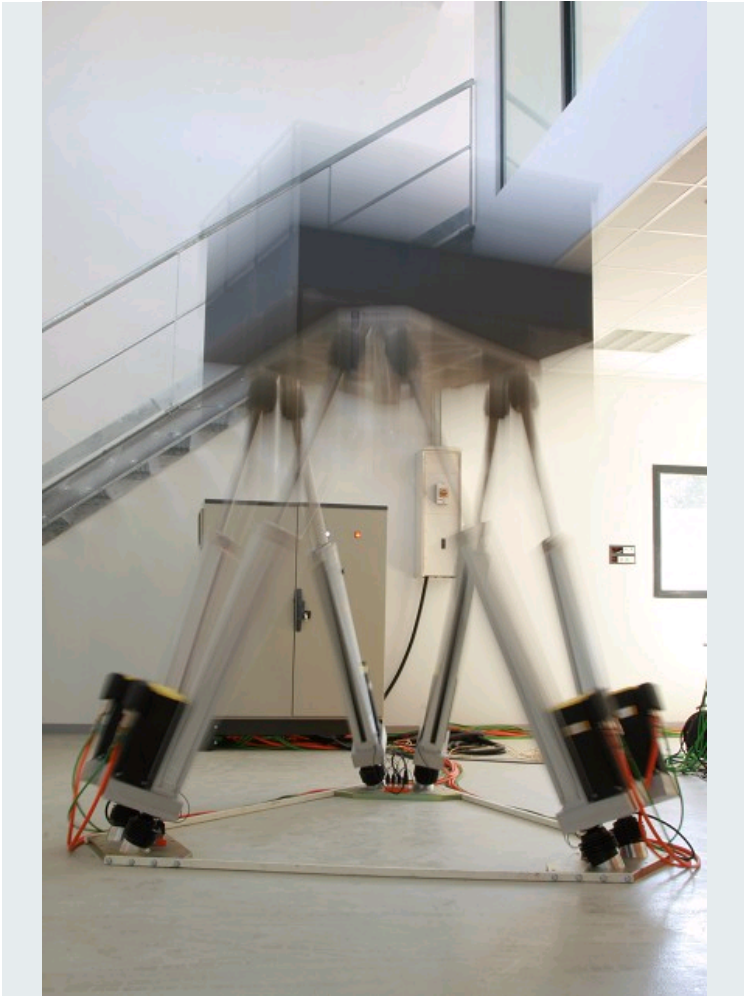
WYLER

3

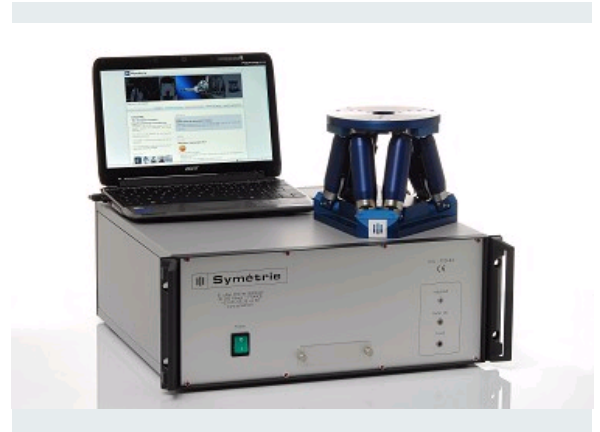
SYMÉTRIE



SYMOP
 Membre de la FIM



MISTRAL HEXAPOD IN MOTION
PAYLOAD: 1 TON - ACCELERATION: 1 G
APPLICATION: SWELL OR VEHICLE SIMULATION



BORA HEXAPOD WITH RACK AND PC



NANOPOS PIEZO HEXAPOD WITH NANOMETER RESOLUTION

NEW AND KEY PRODUCTS

SYMÉTRIE launched NanoPos, a miniature hexapod of 65 mm height for positioning and adjustment of precision components in 6 degrees of freedom with a 10 nm resolution.

NanoPos hexapod comes with outstanding characteristics for its small size thanks to the integration of extremely compact piezo stages from MICRONIX USA, high quality joints and low friction mechanical parts. Its closed loop control with linear optical encoders enables it to reach the highest precision performances.

MAIN CUSTOMERS

AMOS - AIRBUS DEFENCE & SPACE - AIRBUS HELICOPTER - ASTROPHYSICS LABORATORY OF MARSEILLE - BERTIN TECHNOLOGIES - CEA - CNIM - CNRS - DCNS - ECOLE CENTRALE DE MARSEILLE ET NANTES - GAZTRANSPORT & TECHNIGAZ - INSTITUT D'ASTROPHYSIQUE SPATIALE - INSTRO - RIO TINTO - SAGEM - SELEX ES - SOLEIL - THALÈS ALENIA SPACE - THALES ELECTRON DEVICES - UNIV. OF DUISBURG - UNIV. OF WESTERN AUSTRALIA ...

