



Equipment categories  
Vision / Measurement & control /  
Assembly

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# ABW CONCEPT

## PRESENTATION / KNOW-HOW

With an experience of almost 20 years as **automated machines builders**, ABW CONCEPT designs and manufactures, for the purpose of sustainability and productivity, **innovative solutions for control, assembly, marking and traceability**. Its expertise in these areas allows it to offer the following products and services:

- 1) Standard control and 100% sorting machines with, among others, INNOVFLEX®400 and INNOVFLEX®300 machines - standard machines integrating high resolution vision control units
- 2) Special machines multifunctions integrating assembly units, marking, special operations and high precision control
- 3) Control fixtures with recognized expertise in air gage measurement (plugs and rings in standard or special design) with, among others, the optical multicote I-SCAN
- 4) Traceability - Quality Control - Process Monitoring (SPC)
- 5) Services : Co-development-training-teleassistance-installation-after sales service

[www.abwconcept.com](http://www.abwconcept.com)

### CONTACT INFORMATION

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#### other contact :

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### CERTIFICATION

ISO 9001 et NF Services Formation  
Professionnelle (NF214) - Entreprise  
labellisée Mont-Blanc Excellence Industries

## MARKETED PRODUCTS

Other assembling machines and equipment	1								
Metrology	1	2							
Measuring	1								
Gauges and calipers	1								
Profile and shape measurement	1								
Vion and image processing inspection systems	1								
Multigauging fixtures	1								
SPC (statistic process control) softwares	1	2							
Quality control software	1	2							
Processing and evaluation of measured data	1	2							
Industrial Vision	1								
Research centres	1								
Training centres	1								
Consultants	1								

## BRANDS PORTFOLIO

1 ABW

2 QDAS



SYMOP  
Membre de la FIM

# Experts Control - Assembly - Marking - Special operations - Traceability

ABW CONCEPT



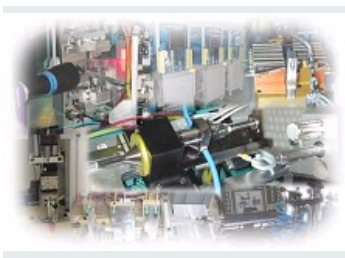
INNOVFLEX® 400 - MACHINE  
GLASS PLATE WITH VISION  
CONTROL UNITS HIGH PRECISION



INNOVFLEX® 500 - MULTIFUNCTION  
MACHINE: CONTROL - ASSEMBLY-  
MARKING - SPECIAL OPERATIONS



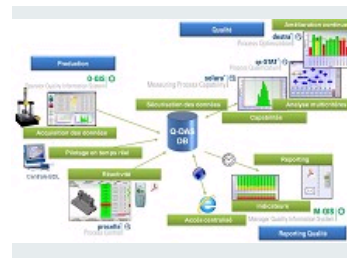
SPECIAL MACHINE - SPECIFIC  
DEVELOPMENT - PROJECT ACTOR



CONTROL FIXTURES - VISION  
CONTROL STATIONS - AIR GAGE  
MEASUREMENT



I-SCAN OPTICAL MULTICOTE



TRACEABILITY - QUALITY  
CONTROL - SPC - ANALYSIS -  
REPORTING - MONITORING

## NEW AND KEY PRODUCTS

### INNOVFLEX® 300

Specially designed for cylindrical parts requiring linear transfer, the machine INNOVFLEX® 300 is a conveyor machine integrating 1 to 2 vision control stations.

Intended to the control without contact very high cadence, the machine I300 can reach rates of 10 800 parts / hour for a guaranteed repeatability until 1  $\mu$ m.

It responds to requirements of dimensional check and can be used both independently as integrate directly on a production line.

### I-SCAN®

Dedicated to the optical dimensional measurement, the Multicote I-SCAN allows to perform edge line controls high precision. It provides a quick and easy multigauging control of a large number of cylindrical parts without any specific adaptation.

It responds to lengths control requirements, diameter, outer profiles, presence / absence of swarf, etc ... and is distinguished by its ability to integrate a pneumatic measuring system for control of inner diameters.

## MAIN CUSTOMERS

AUTOMOTIVE : MANUFACTURERS - EQUIPMENT MANUFACTURERS AND SUBCONTRACTORS - AERONAUTICS - MEDICAL -  
HORLOGERIE - LUXURY INDUSTRIES



SYMOP  
Membre de la FIM