

axon'

CABLE & INTERCONNECT

CUSTOM DESIGNED CABLES

EXPERTISE

EXPERIENCE



AXON' CABLE HAS BEEN A MANUFACTURER OF WIRES, CABLES AND INTERCONNECT SOLUTIONS FOR ADVANCED TECHNOLOGIES FOR 40 YEARS. DURING THIS TIME THE COMPANY HAS GATHERED SIGNIFICANT EXPERTISE IN THE DESIGN AND MANUFACTURE OF COMPOSITE CABLES FOR THE MOST DEMANDING OF APPLICATIONS.

EXPERTISE

AXON' design and manufacture custom design cables no matter what your application : general industry, aeronautics and military, space, medical, telecommunications, automotive, research, nuclear or consumer electronics...

HIGH PERFORMANCE EQUIPMENT

Our **Research and Process** department design and continuously improve our manufacturing equipment to increase the reliability of the manufacturing process and ability to adapt to market requirements.

Factories in various world wide locations for better service to local markets.
Manufacturing capability for small, medium and large volume applications.



PTFE EXTRUSION MACHINE DEVELOPED BY AXON'

CAPABILITY

Our **Research and Design departments** in both France and our world wide subsidiaries can design cable solutions to meet your exact specifications and requirements.

The teams are supported by our **Research and Development** departments specialising in metallurgy, plastics, microwave, electromagnetic compatibility, micro-mechanics, ... AXON' invests 10% of its turnover in Research and Development.

Our **manufacturing team** managed by skilled engineers who are experienced in the demands of high-tech markets.

AXON' CLEAN ROOM

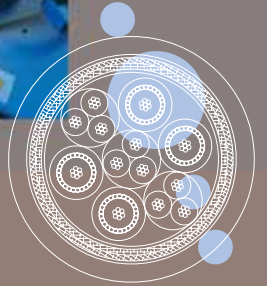


QUALITY ASSURANCE

AXON' has committed to improving its quality process and has retained ISO9001:2000 and QS approvals. The company is planning to obtain ISO 14000 and is engaged in Business Excellence Models (EFQM).

The group has also obtained the following qualifications :

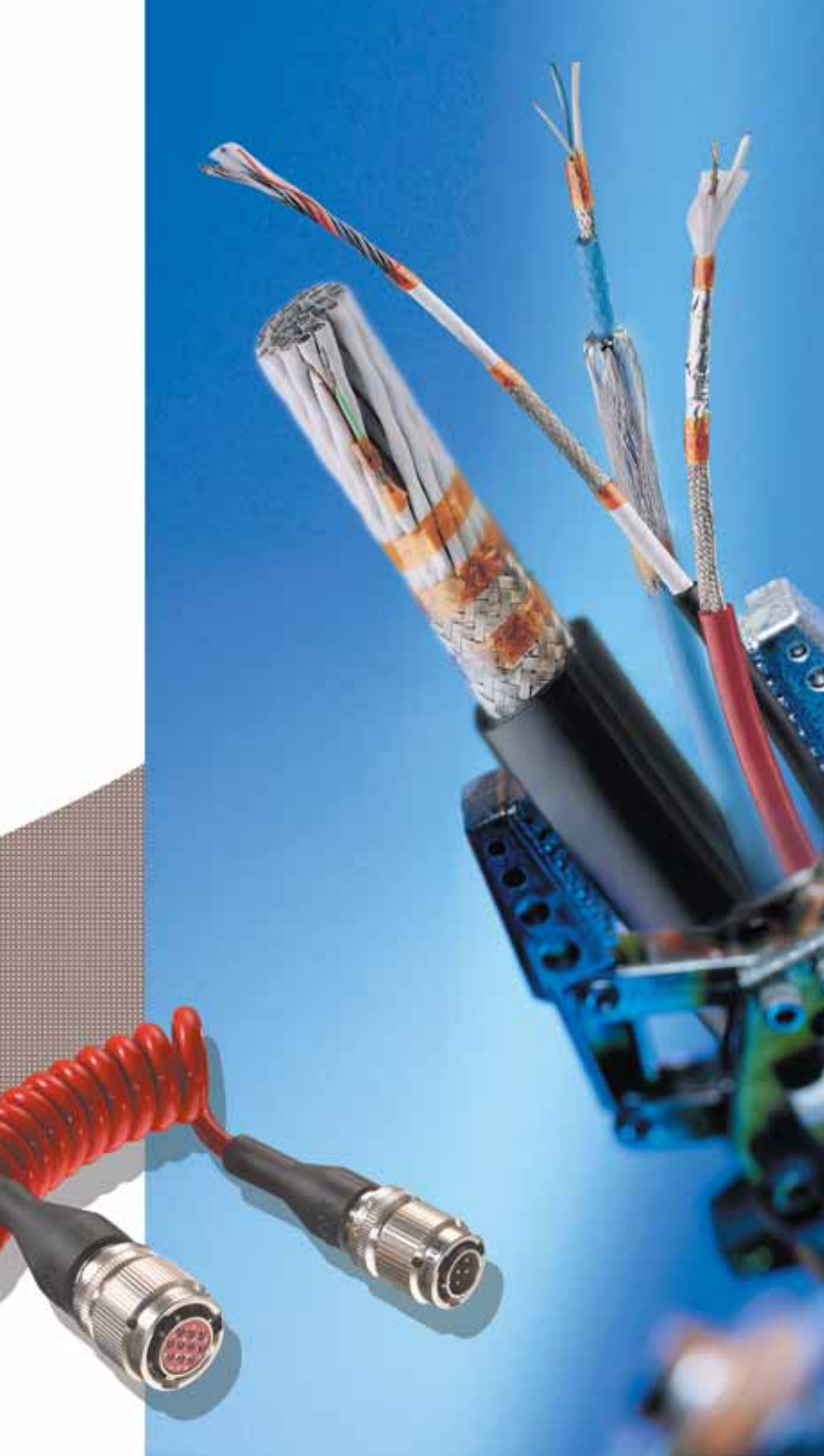
- ESA SCC
- VALEO 1000A+
- ISS and Columbus
- Control delegation, ship to stock.



TESTING CAPABILITIES

AXON' USES A WIDE VARIETY OF EQUIPMENT TO ENSURE THAT CABLES MEET OUR CUSTOMER REQUIREMENTS :

- Climatic chambers for different tests : heat shock, ageing, humid heat, cold, salt spray (validation of cables for automotive applications, marine material).
- Oven for accelerated ageing at very high temperature (1000°C)
- Mechanical tests : combined flex/torsion, folding, winding, unwinding.
- Vibration :
 - vibration equipment (using frequency of the system : 10 Hz to 3 000 Hz) : acceleration up to 100 G.
 - combined vibration/climatic tests.
- Differential Calorimeter Analysis (DSC) : measurement of heat flux under temperature variations (fusion point, crystallisation).
- Electronic scanning microscope : to control, for example, the uniformity of the silver layer of ESA wires and cables. It can also be very useful in the design of new products.
- Benches to test shielding efficiency.
- Meniscograph (IEC 68-2-69) to check solderability of cables and components.



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AXON' AGENT

