

Argon Releases a Range of Robotic Armour

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Argon Lab Systems, a division of Argon Technology have taken a further step to ensuring they provide the full package when it comes to robotic laboratory automation. In addition to proven product lines in turnkey system design and supply, maintenance support and testing, and providing industry training, Argon have now designed a Robotic Armour to protect systems operating in harsh or dangerous environments-and its not just limited to laboratories.

The Robotic Armour is a specialty engineered composite polymer product designed for laboratory use which provides extreme protection from even the most harmful chemicals. Chemical handling robots require extra protective measures as many chemicals are corrosive or react with robot components leading to premature failure of bearings and cables.

Whilst typically robot suppliers do not manufacture their robots to be suitably protected for use in a laboratory environment, Argon Lab Systems designed the Robotic Armour to ensure an extended lifespan of their chemical handling robots. Argon can also customise the Robotic Armour to suit existing systems that are already in operation.

Robot Armour offers:

- High resistance to chemical splashes or spills
- Protection from corrosive acid or chemical fumes
- Free mobility of all robotic joints and cables

This Robotic Armour will provide superior robot protection to all systems in harsh or dangerous environments where wear and damage of components from corrosive materials and environments is likely.

Robotic Armour solutions for industrial robotic applications include foundry, paint, spray and blasting shops and harsh climates often experienced on mine sites. This product development is a true indication of Argon's commitment to the development and sustainability of industry in Western Australia and Nationally.