
Oman's Atoms Lab Succeeds in Manufacturing 3D-printed Antimicrobial Face Shields

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Atoms Lab, an Omani emerging company incubated by the National Business Centre (NBC), has succeeded in manufacturing antimicrobial face shields through 3D printing technology.

The company has used materials produced by nanotechnology by mixing polymer and copper to get the antimicrobial quality on the shield, a statement said.

Yumna Al Sharji, CEO of [Atoms Lab](#), informed that during the first months of coronavirus pandemic, the company has manufactured more than 1,000 face shields, which were made available to beneficiaries inside the Sultanate and a quantity has been exported to the GCC countries. "The company has also provided Ultimaker 3D printers to bodies and companies that have embarked on manufacturing of personal protective equipment (PPE)," Al Sharji said.

She noted that Atoms Lab e-store, which sells electronic parts and requirements for Internet of Things projects, also had an important role to play in securing the needs of entrepreneurs and students during the partial closure period. The store provides delivery services and electronic payment option using direct debit cards.

"Since we are the distributors of Ultimaker printers in the Sultanate and we have a connection with all agents in the GCC countries, we should emphasise that the sales of 3D printers in the Sultanate was the highest with 75% compared to the other GCC countries," Al Sharji added.

Established in 2018, Atoms Lab is a technology solution provider in 3D printing and additive manufacturing. The company is an exclusive distributor in [Oman](#) for Ultimaker, Formslab, Markforged, among other printers.

It should be noted that the National Business Centre ([NBC](#)) is an initiative launched by Madayn at the Knowledge Oasis Muscat ([KOM](#)) to offer promising Omani entrepreneurs a platform to develop their business ideas and advance them into growing ventures.

The centre offers a premier platform for Omani entrepreneurs by providing business development support and guidance, training and mentoring, access to markets and industry experts, and state-of-the-art and fully equipped office space, meeting rooms and presentation facilities.

Read the [original article](#) on Trade Arabia.