KORVUS TECHNOLOGY

HEX Mini

COMPACT DESKTOP
DEPOSITION SYSTEM

WWW.KORVUSTECH.COM

Designed & Manufactured in the United Kingdom

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HEX Mini

COMPACT DESKTOP DEPOSITION SYSTEM

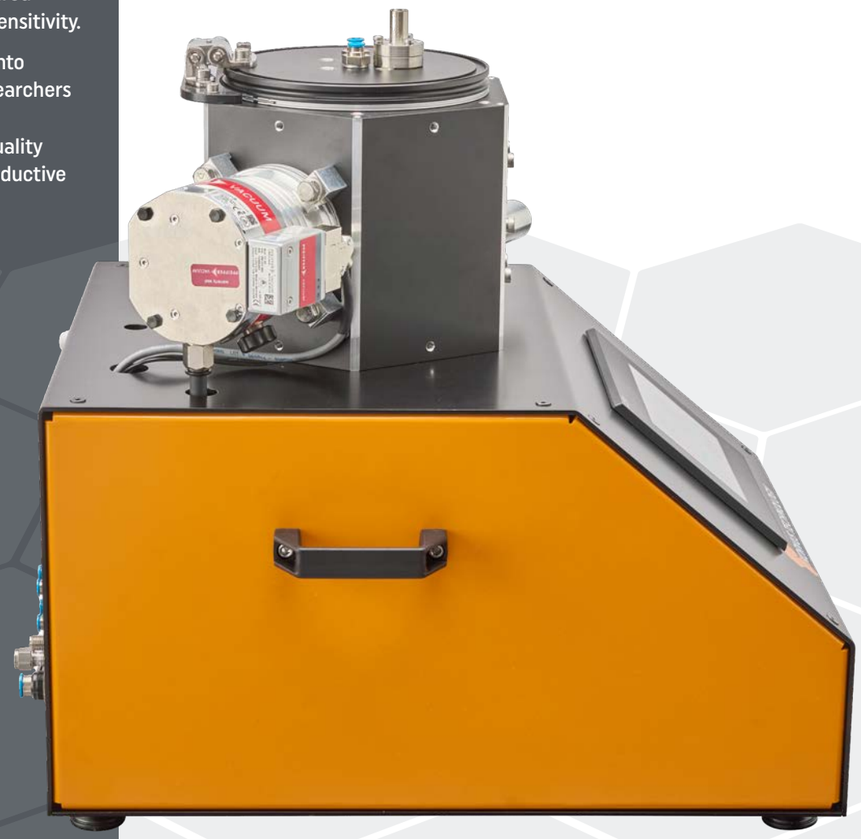
The HEX Mini is Korvus Technology's compact, entry-level PVD (physical vapour deposition) system for the production of thin films. Applications include optical coatings, sample preparation for SEM/TEM and electrical contacts.

A "plug and play" deposition system with quick setup times, HEX Mini offers researchers in materials science, physics and microscopy the ability to make high-quality coatings in a compact and user-friendly system, without compromising performance.

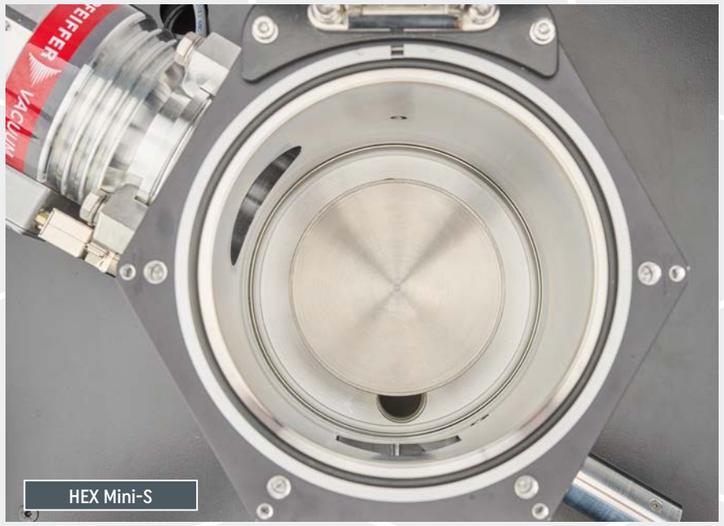
The benchtop HEX Mini can be configured with either a 2" DC (direct-current) sputtering source or a thermal evaporation source. Choice of deposition method will depend on users material, desired yield, uniformity and sample sensitivity.

Bespoke software integrated into an easy-to-use HMI allows researchers to finely tune their deposition parameters to achieve high-quality metal or TCO (transparent conductive oxide) thin films.

	HEX Mini-S	HEX Mini-T
	Turbo-pumped DC Sputtering	Turbo-pumped Thermal Evaporation
Maximum sample size	2" (50mm) Wafer	
Source	2" DC Sputtering	Thermal Evaporator
Power supply	208W. 650V / 0.32A	720W. 72A / 10V
Base pressure	<5x10-6 mbar	<5x10-6 mbar
Chamber volume	3L	
Mass flow controller	✔	X



HEX Mini-S



HEX Mini-S

Korvus Technology has over 20 years' experience in the high and ultra-high vacuum sector. With over 200 HEX Series systems installed worldwide, Korvus Technology remains at the forefront of the PVD industry. Korvus is now part of the Judges Scientific group, while remaining an autonomous company. This allows Korvus to remain agile to the research challenges of its customers and continue its customer-focused culture.

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