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FHR Anlagenbau GmbH is a leading German supplier of thin-film processing equipment and technologies for various nano-applications, electronic components and other related products and systems. Our thin-film solutions in the field of PVD, PECVD, etching and thermal treatment are the result of years of first-hand experience and expertise in developing reliable thin-film technology.

- Flash Lamp Annealing (FLA; annealing in the millisecond regime) for treatment and modification (e.g. recrystallisation, electrical activation) of semiconductors, metals, ceramics, nanostructures and photonic materials
- Atomic Layer Deposition (ALD) for precisely controlled growth of monolayer stacks (e.g. conductive and insulating layers, barrier and adhesion layers, optical layers) joined with excellent uniformity of thickness on complex 3D shapes
- Advanced metallization technologies by sputtering and CVD
- Reactive sputtering technologies for deposition of oxides and nitrides
- Advanced etching technologies by support of high density plasma sources

FHR offers engineering and tool-building with it to achieve in a best way customized solutions. Besides cluster type and roll-to-roll type equipment for thin-film processing on small dimensioned and flexible substrates, FHR provides in-line type systems for large area coating.

FHR equips customers around the world with special purpose machines and is also a supplier of high-quality, bonded sputtering targets.

For further information on FHR Anlagenbau GmbH, visit our web page at

www.FHR.de