

SFR 6300

Simpack Free-fall Drop Rig - High Energy Drop Testing



General Specifications (350kg drop mass)

Maximum drop height	6.3m
Maximum kinetic energy	21.5kJ
Maximum impact speed	Up to 11m/s

Initially developed to drop test high-value defence related items, the **SFR 6300** is a bespoke free-fall rig suitable for the **drop testing of heavy objects** up to 350kg at a height of up to 6.3m.

An electromagnet release mechanism provides a clean and remote release of the drop item at height. Components or assemblies under investigation can be either dropped at height or constrained at ground level and impacted by a falling mass of specific geometry.

Used in conjunction with our instrumentation (high speed camera, various accelerometers and pressure sensors), the **SFR 6300** is perfect for the drop testing of heavier components or assemblies on a larger scale.