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COVER

With over 10,000 instruments being used in the field, the FLIR Systems identiFINDER family of handheld, digital gamma spectrometer and dose rate measurement instruments are amongst the most trusted radiation detectors and identifiers on the market. identiFINDER allows the user to locate a radioactive or nuclear source and, once found, identify the isotope(s) in an easy to use, four key system. The identiFINDER combines high sensitivity with a wide dose rate range, performing gamma spectrometry and nuclide identification with performance that meets or exceeds ANSI N42.34 for radiation detection. (Photo: FLIR Systems)



The background depicts Kevlar. The tensile strength of Carbon Fibre, Kevlar and Glass is similar. Kevlar Aramid, and Carbon Fibres has a high strength-to-weight ratio when tested unidirectionally in direction of the fibres, while e-glass has a lower strength-to-weight ratio. Kevlar fibre is being used, e.g. in body armour and flak jackets to help protect them from ballistic projectiles, explosive fragmentation and other combat hazards. (Photo: Dupont)

Inserts include the PILOTO PARDO OPV and the Chengdu J-20 stealth, twin-engine fifth-generation fighter aircraft prototype being developed by Chengdu Aerospace for the Chinese People's Liberation Army Air Force. (Photos: Mönch Archive)

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