

Intelligent Release Device

AKM safety

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... saves lives!

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saves lives ...
because time matters!

THE LIFE-SAVING ADDITION TO YOUR PPE

AKM-Safety against suspension trauma

When hanging from the rear attachment point of a safety harness, unconsciousness and suspension trauma with irreversible damage – even leading to death – can occur after just 10 minutes. The

AKM-Safety Suspension Trauma Protector

automatically shifts the injured person into a sitting-like position, relieving pressure on the leg veins – through a timed, automatic transfer from the back attachment to the front chest connection of the harness.

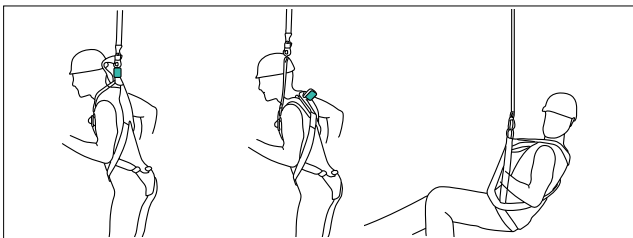
The safe time window for rescuing a fallen person is decisively extended. The system reduces high operational costs, as rescue teams no longer need to remain permanently on standby in the immediate vicinity.

Can be used as a supplement to existing PPE systems or integrated into fall arrest harness products

Certified according to applicable standards

International patents granted

Licensing (production and/or distribution) possible



Delayed release independent of the load (60 to 150 kg) after deceleration by a fall damper with 6 kN

Time delay independent of temperature between -20 and +60 °C

Unintentional release by “leaning into the belt” with overcoming 400 N is avoided by feedback (noticeable jerk). When the tensile force decreases, the release time is reset

Tested breaking load of all load-bearing parts in latched and unlatched state is > 24 kN

Time delay of disengagement adjustable during production: 15 to 90 seconds

Housing IP67

Maintenance-free