RadEye Accessories

A B C

Earphone for RadEye series
425067037

A B C

User Software "RadEye.Exe" + Calibration Software "Cal-RadEye.Exe"

RadEye Software
425069951
+
425069952

A B

Holster for RadEye units. Sized to insert instrument with rubber shock protection
A # **425067046**
B # **425068519**

A

Transparent plastic holster with safety-lanyard
425067044
(without RadEye)

A B

Desktop holder for RadEye for use with data cables 4254026 or 4254029
425067060

A B

Docking station ("car adapter") with charging circuitry (8-30 V DC, cigarette lighter plug), alarm relay and RS 232 interface.
425067065

2 4

RS 232 to USB adapter for data cable 4254029, docking station 425067065, area monitor 425067080
SM168535251

1 C

Data cable RS 232 for RadEye desktop holder
4254029

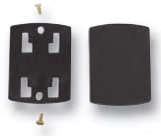
1 2

Goose neck mounting kit for attachment to the windshield; fits to docking station 425067065 or desktop holder 425067060
425067064

1 2

Knuckle joint screw-mounting kit; fits to docking station 425067065 or desktop holder 425067060
425067063

1 2



Flat mounting kit, incl. plates for screw- and adhesive mounting; fits to docking station 425067065 or desktop holder 425067060
425067059

1 2

Pivot arm screw-mounting kit; fits to docking station 425067065 or desktop holder 425067060
425067062

1 2

Goose neck screw-mounting kit; fits to docking station 425067065 or desktop holder 425067060
425067061

2 3 4

RS 232 adapter cable, 9-pin, 5 m, fits to docking station 425067065 and Area Monitor 4250680
SM168535223

2

AC/DC converter for AC supply of docking station 425067065 (1000 - 240 V AC, 24 V DC, 600 mA) with US, UK, EU connector
425067066

1 C

USB data cable for desktop holder
4254026

How to read this overview

1) RadEye versions classification

The acccessory shown is suitable for use with:

A RadEye PRD/PRD-ER, RadEye G/G-10, RadEye N/NL
B RadEye G20/G20-ER, G20-10, G20-ER10, RadEye B20/B20-ER
C RadEye AB100

2) Combinations of accessories

The accessories marked with 1 2 3 4 on the left side of the product image are a necessary and/or reasonable combination with products including the same number 1 2 3 4 inside the image.

RadEye Accessories

Telescopic Adapter A B

1. RadEye adapter with connector to the handle or extensions: # **425067078** (without RadEyes)
2. Short handle, length 0.35 m: # **425067075** (without RadEye)
3. Aluminium extension, length 1.2 m: # **425067076** (without RadEye)
4. Telescopic extension up to 4.0 m: # **425067077** (without RadEye)

Advantages and additional information regarding Test Adapters based on Lu_2O_3

Thermo Fisher Scientific has developed an innovative series of Test Adapters based on high purity natural Lutetium-Oxide(containing the isotope Lu-176 with a 28 times greater half-life than K-40) to provide all users with the capability to “chal-lenge” their radiations detectors functionality. These adapters can be used for performance verification of highly sensitivegamma detectors and pancake type beta contamination probes. Unlike other materials and objects containing naturalradioactivity - such as old watches or incandescent lantern mantles - these test adapters have an activity that is well-defined and reproducible. Due to their natural origin and low specific activity, under US DOT or IATA rules for dangerousgoods shipments these adapters are not considered as radioactive material.

X-ray and Gamma lines:*

Energy	8 keV	54 keV	55 keV	63 keV	88 keV	202 keV	307 keV	401 keV
Emission	23 %	9.4 %	16.5 %	6.9 %	13 %	84 %	93 %	0.8 %

Beta max. energy:*

Energy	188 keV	589 keV
Emission	0.9 %	99.1 %

The actual beta spectrum is broadened and shifted to lower energies due to energy loss in the bulk material.

** Nuclides 2000: An Electronic Chart of the Nuclides, Version 1.00 European Communities, 1999.*

LAURUS SYSTEMS

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