







**Inspection UNIT for EX-Zone with ATEX Certification**

Applications in the explosion proofed area require special inspection equipment. Our Spark-Proof Set, consisting of a **flexible fiberscope with isolation cover**, a **liquid light guide** as well as a powerful **30 watt metal halide light source (acc. ATEX regulation)**, fulfill all security relevant requirements for explosion proofed area. You benefit of this security if oil- or gas tanks or other tanks with hazardous material have to be checked. This system is constructed according to best available technology and approved for explosive areas in zone 0, according the **ATEX directive** (ATEX approval only valid for complete set).

**ATEX Spark-Proof Set - Item no.: FC.Atex.08190.set - consisting of:**

| Description + Technical Data  |  |   |
|---|--|---|
| <p><b>Metal halide light source + power supply</b></p> <p>Certificate KEMA 05ATEX4166<br/>                     Marking Ex II (1) G [Ex op is] IIC excl. CS2</p> <p><b>Light source</b></p> <p>Power 30 W metal halide, 9 - 16 V<br/>                     Dimension approx. 130 x 80 x 130 mm (W x H x D),<br/>                     Weight approx. 1 kg, incl. carrying belt</p> <p><b>Power supply</b></p> <p>Input 100 - 240 V, 50/60 Hz<br/>                     Output 12 V<br/>                     Fuse Glass fuse 5 x 20 mm, 5 A, type F<br/>                     Only this fuse type can be used!<br/>                     Dimension approx. 130 x 55 x 175 mm (B x H x T),<br/>                     Weight approx. 0.8 kg</p> |  |    |
| <p><b>Liquid light guide</b></p> <p>Length 3,000 mm, detachable<br/>                     Activ-ø 5 mm</p>   |  |  |
| <p><b>Fiberscope ø 8 mm</b></p> <p>Working-ø 8 mm<br/>                     Working length 2,000 mm<br/>                     Deflection 4 x 90°<br/>                     Objective 0°/100° (viewing direction/field of view)<br/>                     Arbeitsteil Completely water- and pressure-tight up to 1 bar overpressure. Tube and objective area out of gas and diesel resistant synthetics.</p>   |  |  |
| <p><b>Battery charger Li Ion</b></p> <p>Input 100 - 240 V, 50/60 Hz<br/>                     Output 14.8 V <math>\mp</math> 2,000 mA<br/>                     Status LED indicator</p>  |  |  |
| <p><b>Battery pack</b></p> <p>Type Lithium-Ionen Accu<br/>                     Nom. voltage 14.4 V<br/>                     Capacity 4.3 Ah<br/>                     Charge time 2 h<br/>                     Operation time 1.5 - 2 h</p>  |  |  |
| <p><b>Spare lamp</b> Item no.: <i>Lamp.50MH.spar</i></p> <p>Lamp type Phillips metal halide lamp, 35 W,<br/>                     type no.: RP50/740<br/>                     Only this lamp type can be used!</p> <p>Lamp life &gt; 5,000 h (average)</p>   |  |  |

Delivery inclusive transport case.