

# Flowmarker®



The Flowmarker® is our established fog generator for various applications. From one tank filling this wireless handheld device generates long-lasting and thermally inactive fog for approximately 20 minutes or for about 420 outputs lasting three seconds.

The fog is generated from a special fog fluid. This fog fluid is **harmless to the health** and causes no residue in the environment to be filled with fog.

After a short warm-up period of about 30 seconds max, the fully charged FlowMarker® can be operated for two to five hours – depending on the duration and the frequency of each fog output.



The **starter package** includes the FlowMarker® as the basic device, a rigid application tube and battery charger, all placed in a carrying case. All components necessary for **starting operation** of the device are included.

The carrying case provides already the space for the Hydra and a flexible application tube of standard length 5m, which must be ordered separately.

The standard application tube made of impact-resistant plastic can be extended by 75cm up to 150cm. If required, the Flowmarker® is upgradeable to radio operation.

For those areas difficult to reach we recommend the accessory **Hydra**, which is an adapter easy to handle and coupled by a flexible tube. Further fields of application can be covered by the **FlowTracer**.

#### OPERATION VOLTAGE

**12 Volt DC** from internal battery

#### POWER INPUT

**3,4 A** (in heating operation), Heating power **40 W** - fuse intern: 5 x 20 mm - 6,3 A - medium time lag

#### POWER SUPPLY "INTERNATIONAL"

for all international voltages, with adapters for EU, GB, USA + Australia wall outlets, CE + UL listed! **100 - 240 V AC** / 50-60 Hz / 250 mA / 18 VA - Output: 12 V DC / 1 A / 12 VA

#### DIMENSIONS

**length 210 mm** without application tube, - with standard application tube 500 mm - **width 90 mm, height inclusive handle 135 mm**

#### WEIGHT

**2,66 kg** including battery and application tube AR1

#### WEIGHT INCLUDING TRANSPORTATION CASE AND ACCESSORIES

**5,4 kg** including battery and application tube AR1

#### BATTERY

**12 V** - 2,1 Ah, lead-acid-gel battery type WP1223A, **SAFEX®** quality proofed

#### BATTERY CHARGING TIME

**min. 2 hours** 80 % - 3 hours 100 %

#### OPERATING TIME / BATTERY

for constantly switched-on device circa **2 to 5 hours**, dependent on duration and frequency of fog generation

#### "ENERGY SAVING MODE" OF DEVICE

circa 2 minutes after last pressing fog button, lasting 15 min.

#### "SLEEP MODE" OF DEVICE

circa 17 minutes after last pressing fog button, lasting 2 hours

#### "SELF SHUTOFF" OF DEVICE

circa 2 hours 17 minutes after last pressing fog button.

#### HEAT-UP TIME

max. **30 seconds** for cold device, max 6 sec. in energy saving mode

#### FOGGING AGENT

exclusively **SAFEX® FLOWMARKER FOG FLUID** (aerosol can)

#### TANK VOLUME

circa **18 ml**

#### FLUID CONSUMPTION

circa **0.8 ml/min** for continuous fog generation

#### FOG PERFORMANCE

tank volume lasts for circa 21 minutes continuous fog or for about 420 fog cycles of circa 3 seconds each

#### FLUID CAN

pressurized can according to **UN No.1950 "AEROSOLS"**, volume 73 ml = 75 g, sufficient for about 2000 fog cycles of circa 3 seconds each