Reshef Fuze RT170
Artillery Electronic Time Fuze

The RT170 Electronic Time Artillery Fuze is highly accurate, safe and reliable and delivers top performance. Compatible with a wide range of calibers, the RT170 has an inductive and manual time setting as well as overhead safety features and settable point detonation.

Safe  Accurate  Reliable  Delivers Top Performance
RT170 Artillery Electronic Time Fuze

**Compatibility**
105mm up to 155mm guns.

**Expelling mode (less booster):** For smoke, illuminating projectiles.

**Detonating mode:** For HE projectiles.

For all charges, muzzle and terminal velocities.

**Time Settings**
Time setting is performed by two systems; Inductive Setting System: time delay is transmitted directly from the fuze setter into the fuze by inductive means.

Manual setting:
- Manually operated from 3.0 to 199.8 seconds in 0.1 second increments.
- Digital setting, positive self-locking by three setting rings.
- Unlimited setting storage time (no use of batteries).
- Point detonating super quick functioning when 199.9 seconds.

Time setting is selected.

**Accuracy**
Higher than 0.05 seconds.

**Power Supply**
Reserve battery.

**Safety & Arming**
By two independent arming mechanisms:
- Set back of 400g minimum.
- Spin Rate of 1700 RPM minimum.

**Overhead Safety**
The fuze will not arm until 0.2 seconds prior to the set time.

**Temperature Limits**

<table>
<thead>
<tr>
<th>Operation</th>
<th>Storage</th>
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<tbody>
<tr>
<td>-40°C to +63°C</td>
<td>-46°C to +71°C</td>
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</table>

**Physical Description**

<table>
<thead>
<tr>
<th>Overall length:</th>
<th>Expelling mode fuze: 133.9mm max</th>
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</thead>
<tbody>
<tr>
<td>Intrusion depth:</td>
<td>Detonation mode fuze: 151.6mm max</td>
</tr>
<tr>
<td>Cross section diameter: 61.2mm</td>
<td></td>
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<tr>
<td>Thread size:</td>
<td>2&quot;-12UNS-1A</td>
</tr>
<tr>
<td>Weight:</td>
<td>Expelling mode fuze: 0.70kg</td>
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<tr>
<td></td>
<td>Detonation mode fuze: 0.75kg</td>
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**Military Standards**

MIL-STD-331: Environmental and performance tests for fuze and fuze components.


MIL-STD-1316: Fuze design, safety criteria.

STANAG 4187: Fuzing system - safety design requirements.

**Explosive Output**

| Expelling mode fuze: 258mg RDX. |
| Detonating mode fuze: 27g of CH-6 booster pellet. |

**About Reshef Technologies**
Reshef Technologies obtains three decades of experience in the development, design and production of electronic fuzes for artillery, mortar, tanks, rockets and loitering munitions.

Reshef Technologies is the main supplier of these battle proven fuzes to the Israeli Defense Forces (IDF) - one of the world's most advanced armed forces.