



Wittaumatte Firing Range

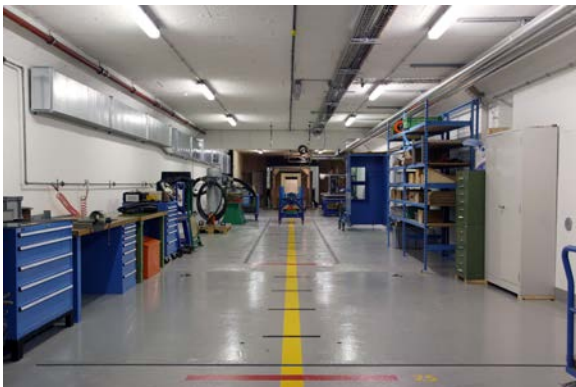
In order to keep noise imissions during test firings and demolition tests at an absolute minimum, modern, fully instrumented underground firing ranges with distances of 500 m, 200 m and 50 m are available. To complete the range of tests offered, there is an outdoor firing axis with a firing distance of 450 m for flat trajectory firing as well a test facility for small arms and handguns.



Overview of Wittaumatte Firing Range



Firing Range SA 500



Modern firing tunnel 50m for proof-firings

Technical data

- Weapon positions SA 500 and SA 200 also accommodate combat vehicles: Leopard MBT, Upgraded Self-Propelled Howitzer M109, Armoured Infantry Fighting Vehicle 2000
- Firing range 500 m:
 - up to calibre 155 mm and up to 16 kg propellant
 - in the target area up to 0.3 kg TNT equivalent
- Firing range 200 m:
 - up to calibre 155 mm and up to 26 kg propellant
 - in the target area up to 12 kg TNT equivalent
- Firing range 50 m:
 - Ballistic investigations and tests up to calibre 12.7 mm
- Permanently installed instruments:
 - Velocity measurement with light barriers and radar over the entire trajectory
 - dynamic pressure measurement
 - prepared connections for test specific installations
 - mostly automatic evaluation

Characteristics / description

- Interior ballistics: determination of charge, cartridge case firings, check of weapon functions
Type of ammunition: inert ammunition
- Exterior ballistics: fuze tests, projectile behaviour, trajectories
Type of ammunition: special ammunition and inert ammunition
- Terminal ballistics: effect on target, hit patterns
Type of ammunition: combat ammunition
- Certified Test Centre for bullet-resistant materials
 - penetration
 - stabbing