

HOW TO USE THIOT INGENIERIE SINGLE-STAGE LIGHT-GAS GUN FOR06

Total length of training: 16 hours
Start: Day 1 at 11:00 | End: Day 3 at 12:00

PREREQUISITES



Basic knowledge in mechanics

TRAINING OBJECTIVES



- Operate a THIOT INGENIERIE single-stage gas-gun in safety conditions
- Design an impact configuration: internal ballistics, target tooling, target instrumentation

TARGET POPULATION



Engineers, technicians, PhD students working in an impact laboratory

COURSE CONTENT



KNOWLEDGE TESTING METHOD



Final MCQ to validate the acquired knowledge, attested to by a training completion certificate

- Presentation of launchers
- Examples of impact configuration
- Safety during launcher use
- Presentation of the various steps involved in designing a successful test
- Introduction to internal ballistics
- Sizing a sabot
- Tool sizing
- Choosing the right metrology
- Practical work in the laboratory:
 - Configuration of test equipment and associated measurements
 - Performing a test
- Test analysis and sizing validation
- Pitfalls to avoid
- Presentation of original configurations