DUMMY-Q | PASSIVE SAFETY TOOLS

Dummy-Q is a software tool developed by IDIADA that efficiently processes Dummy Qualification test data and generates final reports including Pass/No Pass results for every requirement.
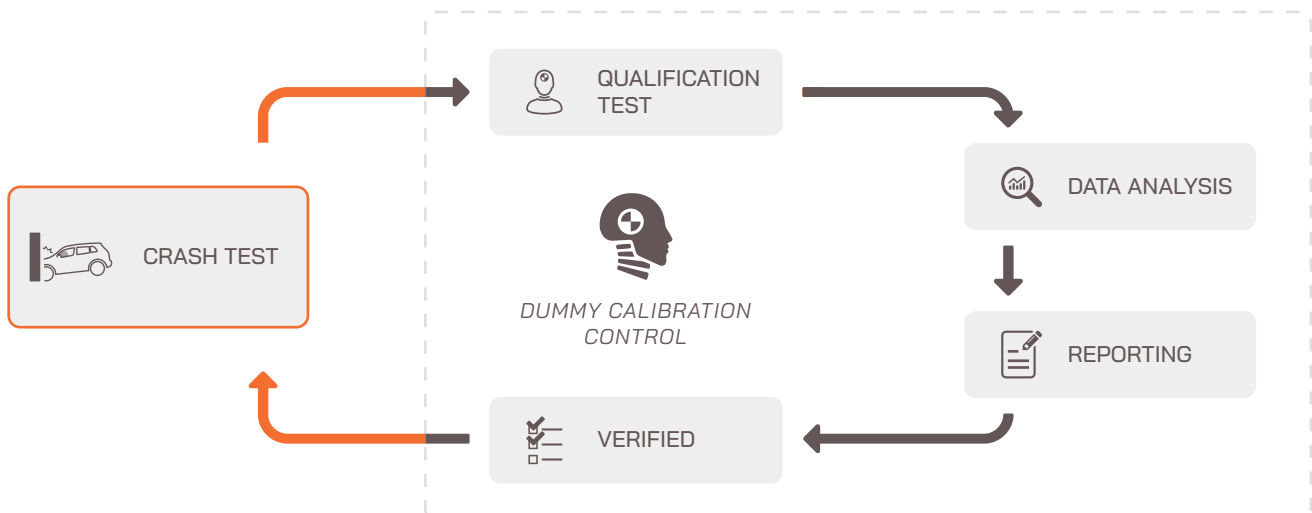
Test data quality strongly depends on the equipment used during the test, and in the case of Passive Safety, dummies are a key element that require strict maintenance and calibration control.
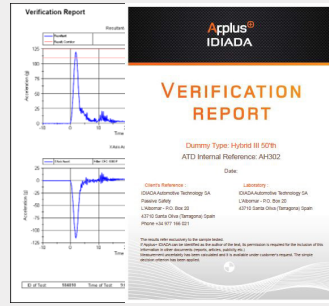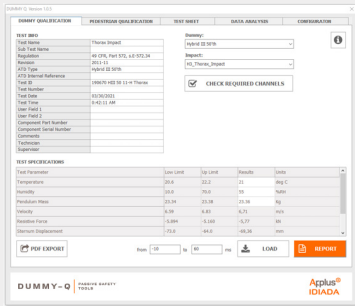
However, dummy performance is prone to decreasing after a certain number of tests, so in order to accurately simulate human behaviour, test laboratories dedicate extensive hours to qualification.

In this context, IDIADA has used its more than 20 years' experience in Passive Safety activities to develop the Dummy-Q software tool.
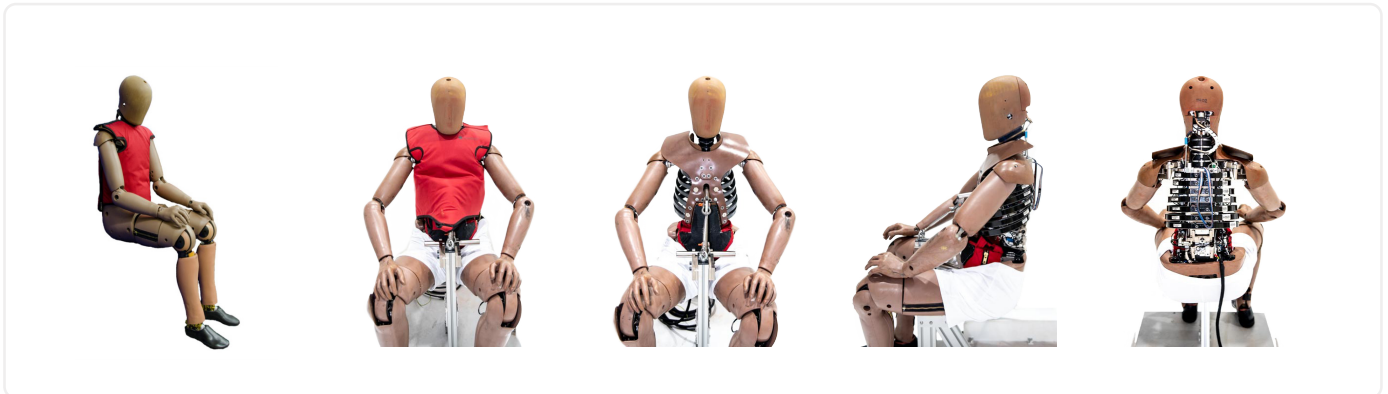
KEY FEATURES

- User friendly scripting tool box to be run in NI DIADEM software
- Test monitoring and automated report generation
- Up-to-date testcase library covering worldwide regulations
- Extensive list of dummies available

QUALIFICATION TEST

DATA ANALYSIS

REPORTING

VERIFIED

DUMMY CALIBRATION CONTROL

CRASH TEST

- Set your test data configuration based on pre-configured dummy standard requirements
- Verify complete dummies for vehicle crash tests and impactors for pedestrian test

- Manage your checklist for enhanced reproducibility
- Export a verification report
- Customize your report templates with your company styling and logos

DUMMIES AVAILABLE

- P1.5
- P3, P6, P10 years old
- Q0, new-born
- Q1
- Q1.5
- Q3
- Q6
- Q10
- CRABI 12 month old
- Hybrid III 3 years old
- Hybrid III 6 years old

- Hybrid III 5th, Female
- Hybrid III 50th, Male
- Hybrid III 95th, Large Male
- BioRID-II UN
- ES-2, 50th
- ES-2 with Rib Extension, 50th
- SID IIs
- World SID 50th
- THOR Euro NCAP (T3)
- THOR NHTSA TH)
- TNO-10 Manikin