

# Software for hydraulic devices tests

## AQ2TB-PULSEAUT

**Software for performing water hammer tests and cycling pressure tests.**

The software allows to evaluate the strength and tightness of the component under test as a result of fast variations of supply pressure.

It is possible to perform cycling pressure tests with water circulation (in the range 0,2÷12 bar with pressure variation generated by hydraulic pump) and tests of resistance to water hammer without water circulation (pressure increase obtained by hydraulic pressure intensifier).

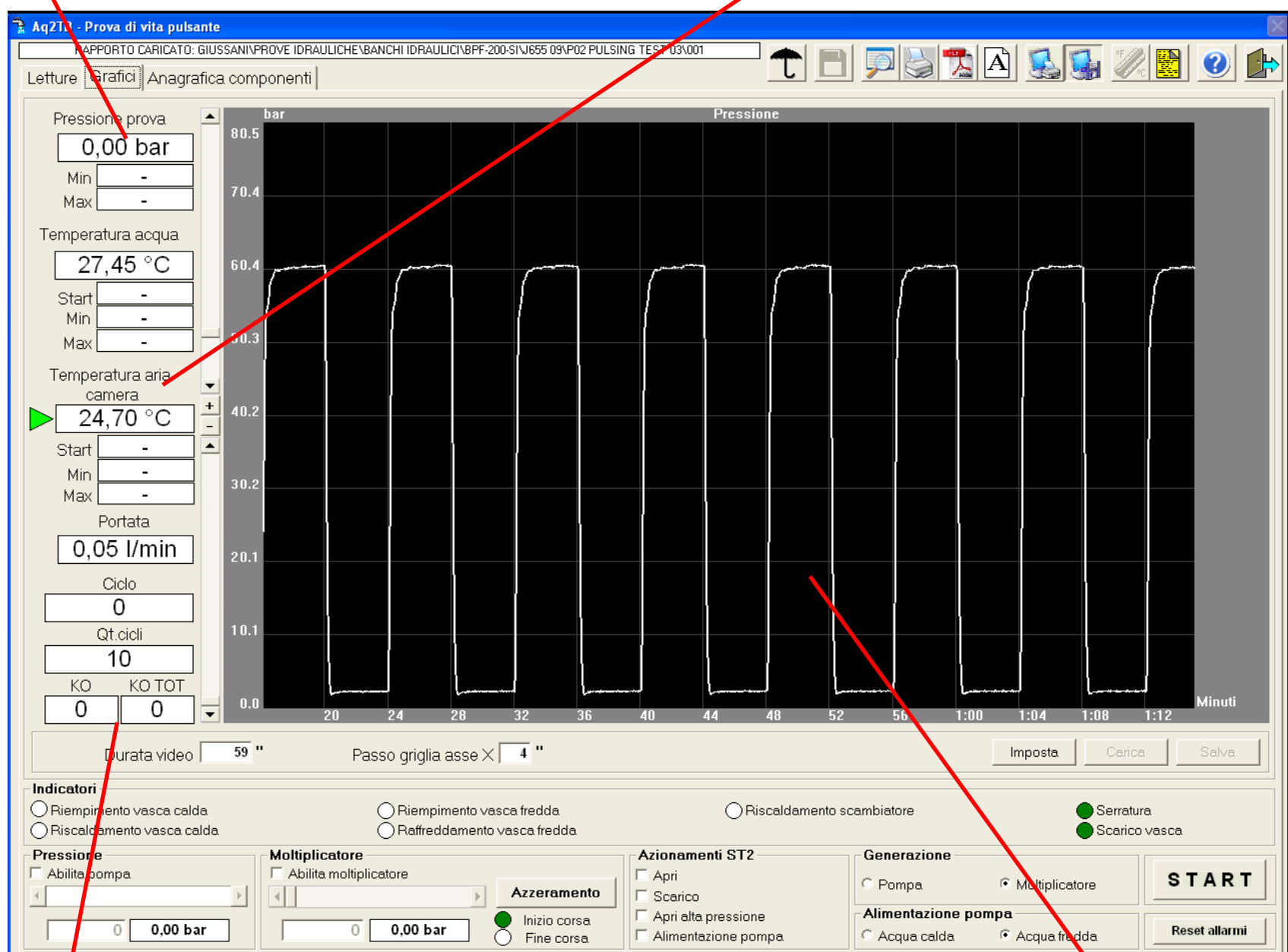
All tests can be customized by adjusting the main parameters of work: in particular it is possible to adjust the maximum and minimum cycle pressure, rise and descent times and the frequency of impulses.

For test benches equipped with climatic chamber and/or hot water supply tank, it is possible to set the temperature range of chamber and hot water within which allow the start of the test.

Additional parameters that can be set are the total number of cycles to be performed and the number of KO that can be generated before the interruption of the test.

INSTANTANEOUS PRESSURE

WATER AND TEST CHAMBER TEMPERATURE



SUMMARY OF CYCLES EXECUTED

PRESSURE CHART



## Setting of test parameters:

SETTING OF START-UP TEST LIMITS

SETTING OF WORKING TIMES AND STABILIZATION TIME

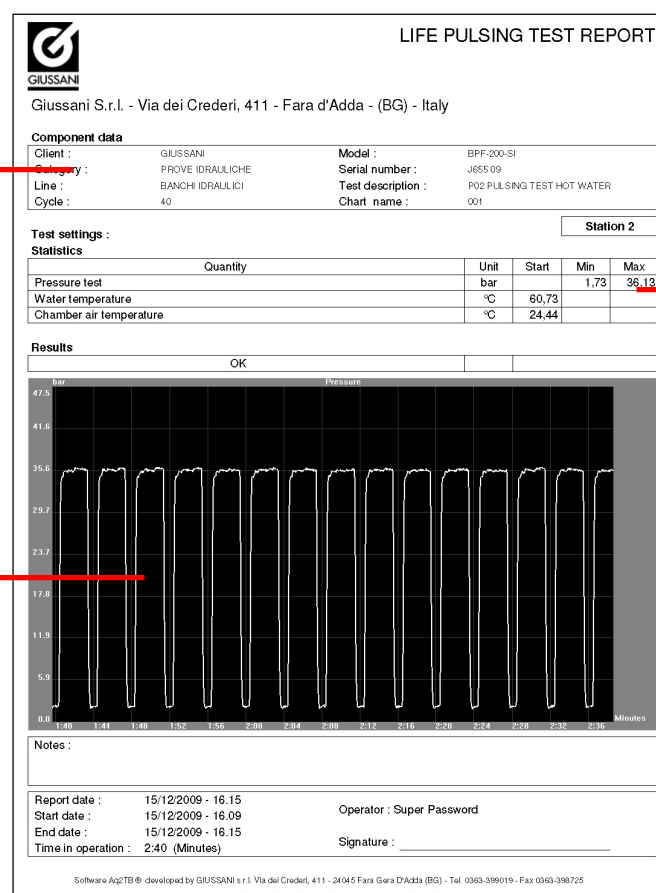
SETTING OF TEST INTERRUPTION LIMITS

## Example of test report:

SUMMARY OF COMPONENT DATA

SUMMARY DATA OF THE TEST

CHARTS SUMMARY



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