

Software for sanitary taps tests

AQ2TB-F+S-DRIVE

Software for fidelity and sensitivity tests with motor control and display of torque.
“T Mix/Rotation” graph acquisition.

The software rotates the temperature control device at the established speed, measures the mixed water temperature as a function of the angular position and generates the corresponding graphs from cold to hot position and from hot to cold position.

During the test the graphs of pressure and temperature of the cold and hot water are displayed and torque is measured by the movement device.

Fidelity test:

The software verifies that at the angular position corresponding to 38 °C, the hysteresis of the control device indicates a temperature variation not exceeding 1 °C.

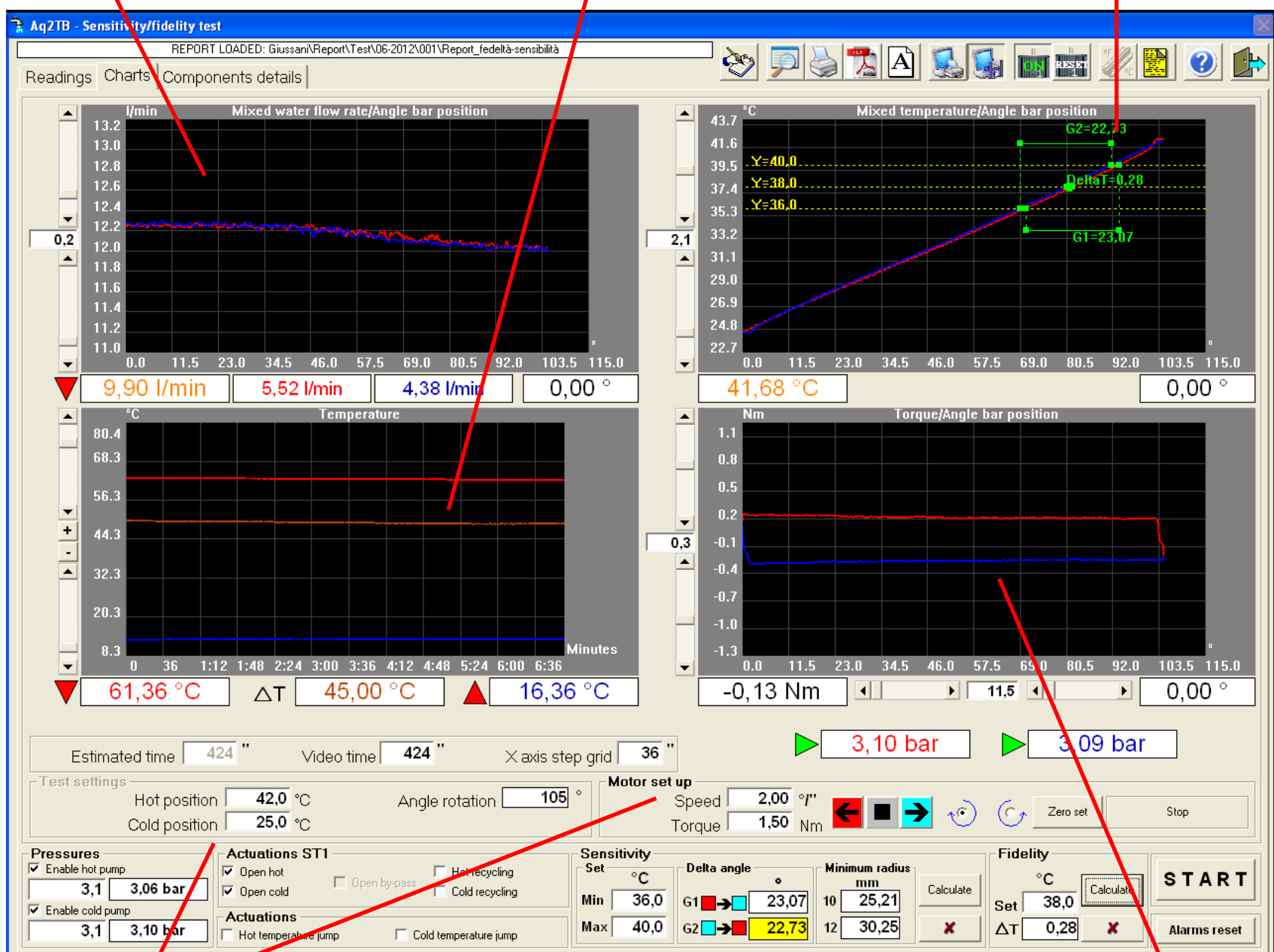
Sensitivity test:

The software verifies that the angular rotation necessary to vary the temperature between 36 °C and 40 °C is at least 12 mm going from the hot position to the cold position and from cold to hot.

DISPLAY OF MIXED FLOW RATE AS A FUNCTION OF ANGULAR POSITION

DISPLAY OF SUPPLY TEMPERATURES

MIXED TEMPERATURE GRAPHS FROM COLD TO HOT POSITION AND FROM HOT TO COLD POSITION



ANGLE OF ROTATION AND MOTOR CONTROL

DISPLAY OF TORQUE



Setting of test parameters:

SETTING OF START-UP TEST LIMITS

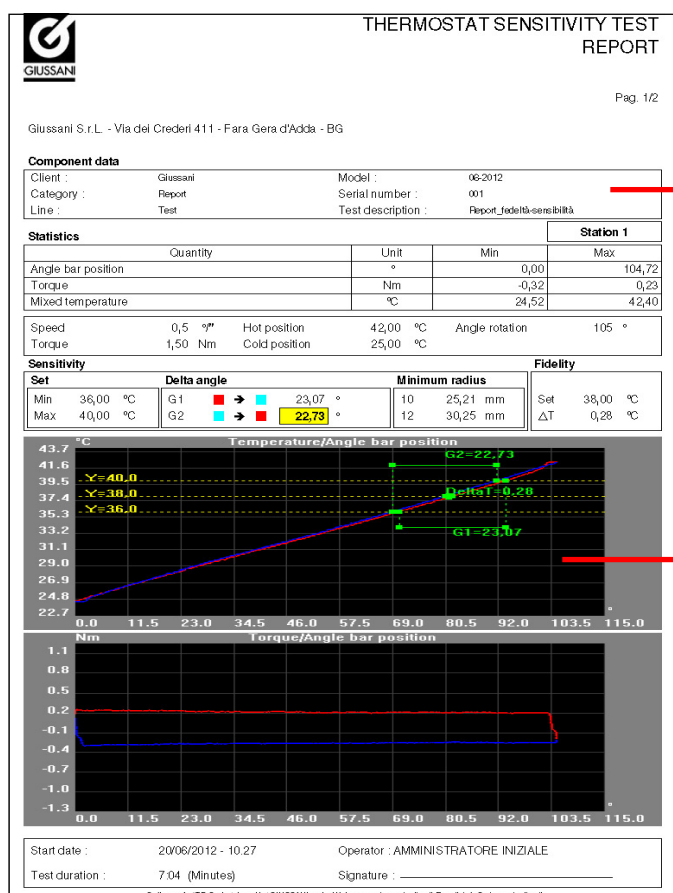
	Set	+	-	
Temperatura acqua fredda	20,0	20,0	20,0	°C
Temperatura acqua calda	40,0	20,0	20,0	°C
Pressione acqua fredda	1,00	0,20	0,20	bar
Pressione acqua calda	1,00	0,20	0,20	bar
Portata acqua mix	9,99	5,00	5,00	l/min

Parametri di esecuzione
Velocità: 0,30 °/r

Unità (E.)		
Capacità		456,0 GB
Spazio utilizzato		0,1 GB
Spazio disponibile		455,9 GB

SETTING OF ANGULAR SPEED OF CONTROL DEVICE

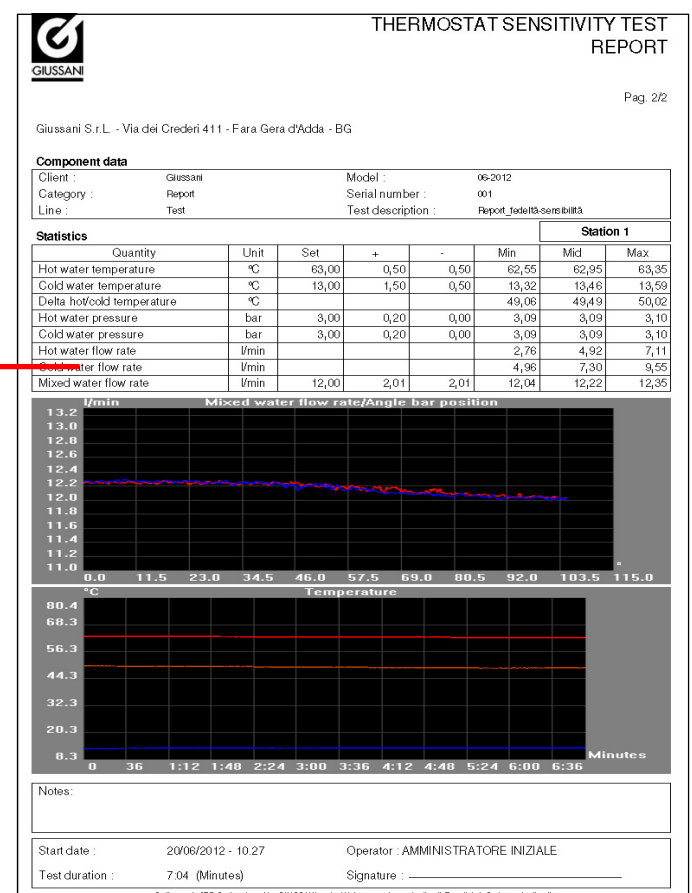
Example of test report:



SUMMARY OF COMPONENT DATA

SUMMARY OF TEST RESULTS

CHARTS SUMMARY



GIUSSANI S.r.l.
Via dei Crederi, 411
24045 Fara Gera d'Adda (BG) - Italy
Tel.: 0363/399019 - Fax.: 0363/398725
www.giussanionline.it
E-mail: info@giussanionline.it

