

WhaleTeq BPA700 Changelog

Limitation:

1. Only compatible with FW version 1.5.x and later
2. Only compatible with Convert tool version 1.0.2.2 and later for play data

Version 1.1.0.0 - 2024-10-29

1. CHG: live update path

Version 1.0.4.9 - 2024-10-11

1. FIX: blood pressure envelope shift overall issues
2. FIX: graph chat setting exception

Version 1.0.4.8 - 2024-10-01

1. NEW: blood pressure envelope shift overall icons

Version 1.0.4.7 - 2024-09-11

1. NEW: blood pressure envelope support shift overall data left/right
2. NEW: sync pressure unit with BPA700

Note:

1. Only compatible with Convert tool version 1.0.2.2 and later for play data

Version 1.0.4.6 - 2024-09-04

1. FIX: play data pulse volume value set wrong value to BPA
2. FIX: play data load form pulse volume min as 0.1
3. FIX: record data save from clear parameters every time it show up

Version 1.0.4.5 - 2024-09-02

1. FIX: play data set previous pulse volume after manual convert
2. FIX: play data load metadata issue

Version 1.0.4.4 - 2024-08-29

1. CHG: open port 1 at the beginning
2. FIX: blood pressure minimum line didn't change for different pressure unit
3. CHG: license and about form text
4. CHG: auto sequence only support port 1

Version 1.0.4.3 - 2024-08-29

1. CHG: open port 1 at the beginning
2. FIX: blood pressure minimum line didn't change for different pressure unit
3. CHG: license and about form text
4. CHG: auto sequence only support DUT

Version 1.0.4.2 - 2024-08-23

1. FIX: record data file name don't support special characters
2. FIX: play data for kPa will crash

Version 1.0.4.1 - 2024-08-22

1. FIX: play data pt y axis will change cause do convert when its invisible
2. FIX: check play data valleys index array is empty AP will crash
3. FIX: play data graph axis text didn't update for manual convert mode
4. FIX: play data x cursors didn't show pressure values

Version 1.0.4.0 - 2024-08-20

1. CHG: only support port 1
2. NEW: support convert tool live update
3. CHG: record data start trigger pressure value
4. CHG: live update path to new version of FW and AP
5. FIX: play data parameters sync issue
6. FIX: play data load wrong convert range

Note:

1. Only compatible with FW version 1.5.x and later
2. Only compatible with Convert tool version 1.0.2.x for play data

Version 1.0.3.2 - 2024-06-13

1. FIX: license test

Version 1.0.3.1 - 2024-06-05

1. FIX: license test

Version 1.0.3.0 - 2024-05-30

1. NEW: assistant 201.105.1 support test environment table
2. CHG: assistant 201.105.1 only stop by user
3. CHG: assistant 201.105.1 can edit deflate time and verdict for single fault
4. FIX: assistant 12.1.107 click mean or SD cell will block table
5. NEW: all numeric up down UI can double click to select all
6. NEW: remind user to save edited auto sequence list when AP closing

Note:

1. Only compatible with Convert tool version 1.0.1.0 for play data

Version 1.0.2.16 - 2024-04-15

1. CHG: play data trial times to 30
2. FIX: auto detect update

Version 1.0.2.14 - 2024-04-02

1. FIX: play data confirm didn't update up/down setting
2. CHG: play data save P-T data more decimal places
3. FIX: play data PP UI less one point
4. FIX: play data didn't update .ann data on UI

Version 1.0.2.12 - 2024-03-28

1. NEW: kill play data convert process before open it

Version 1.0.2.9 - 2024-03-22

1. FIX: blood pressure default method save wrong data

2. FIX: play data linear inflation automatically convert and manually convert show different result
3. FIX: blood pressure default method save wrong parameters
4. NEW: record data support linear inflation

Note:

1. Only compatible with Convert tool version 1.0.0.4 for play data

Version 1.0.2.8 - 2024-03-15

This is a beta version

1. FIX: play data use kPa
2. FIX: play data will calculate pulse volume to 0

Version 1.0.2.7 - 2024-03-12

This is a beta version

1. NEW: beta - record data
2. NEW: beta - play data for different pressure unit
3. NEW: beta - play data trial and license

Note:

1. Only compatible with FW version 1.3.13 and later
2. Only compatible with Convert tool version 1.0.0.3 for play data

Version 1.0.2.6 - 2024-02-26

1. NEW: support record data feature
2. NEW: play data support kPa

Note:

1. Only compatible with Convert_1.0.0.3 tool for play data

Version 1.0.2.5 - 2024-02-21

1. FIX: play data wait test invisible when test start
2. NEW: play data MAP over pulse volume limit check
3. CHG: play data pulse volume for 100 ml default value

4. CHG: only update graph when test start
5. FIX: raw data pressure unit load default as mmHg

Version 1.0.2.4 - 2024-02-20

1. FIX: switch test fast draw wrong graph
2. CHG: auto scale graph when play data stop

Version 1.0.2.3 - 2024-02-20

1. FIX: play data convert range behavior
2. CHG: year of copy right
3. FIX: play data load form tab order

Version 1.0.2.2 - 2024-02-13

1. FIX: pressure graph set chart range
2. CHG: pulse volume increment change to 0.01
3. NEW: play data raw data and p-t visable setting
4. NEW: save p-t and p-p raw data

Version 1.0.2.1 - 2024-02-06

1. FIX: play data show convert range wrong
2. NEW: reset y2 axis cursors
3. FIX: save graph raw data fail

Version 1.0.2.0 - 2024-02-05

1. FIX: auto sequence list empty return main form crash
2. NEW: support linear deflation play data (need to install Convert tool)

Note:

1. Only compatible with FW version 1.3.4 and later (with wait status)
2. Only compatible with Convert_1.0.0.0 tool for play data

Verion 1.0.1.5 - 2024-02-29

1. FIX: failed to check license key

Verion 1.0.1.4 - 2024-01-19

1. FIX: pressure graph zoom in limit
2. FIX: pressure graph load raw data wrong time scale

Version 1.0.1.3 - 2024-01-03

1. CHG: assistant change different test item will clear graph

Version 1.0.1.2 - 2023-12-28

1. FIX: assistant bugs

Version 1.0.1.1 - 2023-12-20

1. FIX: assistant bugs
2. NEW: main tests finish will auto fit axis range to graph

Version 1.0.1.0 - 2023-11-21

1. CHG: assistant with its own graph form
2. CHG: 201.104, 12.1.105, 201.105.2, 201.105.3 support test environment table
3. NEW: pressure graph right click can save to image
4. CHG: 12.1.107 verdict to 1 decimal place
5. CHG: 12.1.106 remove error column
6. NEW: 12.1.102 add error column
7. NEW: 12.1.104 can choose static pressure or blood pressure
8. CHG: remove all systolic/diastolic shift in report

Version 1.0.0.50 - 2023-10-26

1. CHG: whaletq format move to play data control
2. NEW: play data will always show starting pressure

Version 1.0.0.49 - 2023-10-19

1. NEW: play data feature - part 1

Version 1.0.0.48 - 2023-09-21

1. FIX: don't get envelope data when connect
2. FIX: envelope licence check

Version 1.0.0.47 - 2023-09-18

1. NEW: set air reservoir

Note:

1. Only compatible with FW version 1.2.34 and later (with wait status)

Version 1.0.0.46 - 2023-09-14

1. FIX: the first time will not update pressure to the correct graph
2. CHG: 12.1.103 verdict range

Version 1.0.0.45 - 2023-09-07

1. FIX: assistand 12.1.102 crash
2. CHG: 201.104 and 105.1 calculate inflating time
3. FIX: 201.104 set wrong blood pressure parameters

Version 1.0.0.44 - 2023-09-05

1. CHG: systolic and diastolic range for customized method

Note:

1. Only compatible with FW version 1.2.33 and later (with wait status)

Version 1.0.0.43 - 2023-09-04

1. FIX: assistant check blood pressure parameters range

Version 1.0.0.42 - 2023-08-31

1. FIX: test stop but didn't reach 5 mmHg quickly switch graph at this time will update to another graph
2. FIX: assistant 105.3 relief more than 3s fail

Version 1.0.0.41 - 2023-08-30

1. NEW: assistant process

Version 1.0.0.39 - 2023-08-21

1. NEW: blood pressure method customized check license

Version 1.0.0.33 - 2023-07-12

1. FIX: assistant 12.1.102 and 12.1.106 pass/fail round to 2 decimal places

Version 1.0.0.32 - 2023-07-12

1. FIX: connect BPA700 issue

Version 1.0.0.31 - 2023-07-10

1. FIX: 12.1.102 and 12.1.106 pass/fail range
2. FIX: 12.1.105 exceed max pressure 10% calculate wrong
3. FIX: blood pressure envelope diastolic can not move

Version 1.0.0.30 - 2023-07-07

1. FIX: assistant 12.1.103 can enter double

Version 1.0.0.29 - 2023-07-07

1. FIX:assistant 201.102.2 deflated time = 0 fail
2. FIX:assistant 201.106 text in image

Version 1.0.0.28 - 2023-07-04

1. FIX: assistant blood pressure pulse volume set 0.6 ml for neonatal
2. FIX: assistant 12.1.103 pass criteria
3. FIX: blood pressure pulse volume only can set multiples of 0.05

Version 1.0.0.27 - 2023-06-28

1. CHG: BP envelope save file to .bpabp

2. CHG: auto sequence list file to .bpaseq
3. FIX: assistant stop update graph immediately

Version 1.0.0.26 - 2023-06-27

1. CHG: assistant 201_12_1_101 pressure min to max
2. CHG: blood pressure set different default value for adult/neonatal (default method)
3. FIX: assistant clear all result
4. FIX: assistant about static pressure items problems
5. FIX: assistant memory leak
6. NEW: live update SW/FW

Version 1.0.0.25 - 2023-06-07

1. NEW: start test fail error dialog
2. NEW: leak calibration pass/fail and error dialog
3. FIX: auto seq export update each items pressure unit

Note:

1. Only compatible with FW version 1.2.23 and later (with wait status)

Version 1.0.0.24 - 2023-06-06

1. FIX: assistant air port setting issue

Version 1.0.0.23 - 2023-06-02

1. FIX: pressure graph axis text for different pressure unit
2. FIX: quick switch between start/stop issue

Version 1.0.0.22 - 2023-05-31

1. FIX: auto sequence remind dialog number add one
2. FIX: auto sequence port set wrong

Version 1.0.0.21 - 2023-05-31

1. NEW: support wait status between each test
2. NEW: auto sequence support import/export/reorder list

3. NEW: calibration and services link in menu
4. CHG: turn on fast valve and slow valve as default

Note:

1. Only compatible with FW version 1.2.17 and later (with wait status)

Version 1.0.0.20 - 2023-05-23

1. NEW: support port of auto sequence features
2. CHG: remove BP envelope systolic/diastolic shift
3. CHG: assistant capital all change to low case

Version 1.0.0.19 - 2023-05-16

1. CHG: remove systolic shift and diastolic shift in envelope

Version 1.0.0.18 - 2023-05-12

1. CHG: turn off pressure unit and auto sequence
2. FIX: BP preset set empty when sys/dias value change

Version 1.0.0.17 - 2023-05-12

1. FIX: leak test result (peak pressure) value wrong
2. CHG: text in different language
3. FIX: static pressure No.9 didn't run
4. FIX: check blood pressure parameters range
5. FIX: envelope set wrong raw data
6. FIX: pressure graph draw graph at the beginning when test start

Version 1.0.0.16 - 2023-05-10

1. FIX: static pressure enable No. 9 and 10 didn't run 9
2. FIX: didn't send all envelope raw data
3. FIX: check blood pressure parameters range
4. NEW: assistant support trial

Version 1.0.0.15 - 2023-05-09

1. NEW: support pressure unit kPa
2. NEW: support multi language
3. NEW: static pressure add BPA inflation
4. NEW: leak calibration
5. FIX: save/load pressure graph raw data
6. NEW: support port of assistant

Note:

1. only compatible with FW version 1.2.4 and later (with leak calibration and static pressure inflation)

Version 1.0.0.12 - 2023-04-27

1. FIX: BP test envelope set parameter fail
2. FIX: static pressure inflation didn't work
3. NEW: support switch pressure unit

Version 1.0.0.11 - 2023-04-24

1. FIX: only first time will update graph
2. NEW: envelope HScroller enable
3. NEW: static pressure add BPA inflation

Version 1.0.0.10 - 2023-04-24

1. CHG: serial number 'BP' to 'BA'
2. NEW: static pressure can set BPA inflation

Note:

1. only compatible with FW version 1.2.X and later

Version 1.0.0.9 - 2023-04-12

1. FIX: blood pressure envelope send too much raw data
2. FIX: incorrectly configure the pulse volume
3. FIX: the pressure sampling time is 5ms, not 10ms

Version 1.0.0.6 - 2023-03-17

1. FIX: blood pressure envelope send wrong raw data

Version 1.0.0.5 - 2023-03-16

1. FIX: blood pressure envelope set parameters error
2. FIX: get device serial number

Version 1.0.0.4 - 2023-03-16

1. FIX: blood pressure envelope form memory leak
2. FIX: assistant clear result when starting a new test
3. FIX: FW update show current build version

Version 1.0.0.3 - 2023-03-15

1. NEW: static pressure test
2. NEW: blood pressure test
3. NEW: leak test
4. NEW: overpressure test
5. NEW: IEC60601-2-30-201.12.1.102 assistant

Version 1.0.0.2 - 2022-12-21

1. NEW: support BPA600 connect (only FW update)

Version 1.0.0.1 - 2022-11-22

1. initial version