

## **Pneumatic Test with the OxiTop<sup>®</sup>-PT**

### **Application range:**

Quick test of the OxiTop<sup>®</sup>- and the OxiTop<sup>®</sup> Control System.  
The long-term tightness of the system bottle - OxiTop<sup>®</sup>- or OxiTop<sup>®</sup>-C cannot be tested with this test.



Use original rubber quiver of the OxiTop<sup>®</sup>-PT only.  
Otherwise measuring errors are possible.

### **Test of the OxiTop<sup>®</sup> system:**

- Insert the rubber quiver in the OxiTop<sup>®</sup>-PT test device.
- Set the plunger of the syringe to the 5th scale mark (0.5ml), the OxiTop<sup>®</sup> must not yet be screwed on the test device.
- Screw the OxiTop<sup>®</sup> tight on the test device.
- Press the "S" and "M" keys simultaneously for 2 seconds.



OxiTop<sup>®</sup> must display .

- Set the plunger of the syringe to the 20th scale mark (2ml).
- Press the "M" key and read out the measured value.
- Determine the altitude above sea level and then take the corresponding control value from the table.

#### Reading example:

Location: WTW Weilheim / Altitude above sea level: 565 meters /  
next altitude value from the table: 600 meters / control value:  
36 digits

- Determine the deviation (measured value - control value).
- The deviation must not be more than +/-3 digits.  
The usual fluctuations of the air pressure are included.

### **Test of the System OxiTop<sup>®</sup>-Control:**

See instruction manual System OxiTop<sup>®</sup>-Control,  
Chapter GLP/TOOLS - Check - Pneum. Test.

**Prüfwerte / Control Values**

Höhe über Meeres- spiegel (NN) [m]	Mittlerer Luftdruck [hPa / mbar]	Prüfwert [Digit]
<i>Altitude above sea level [m]</i>	<i>Average air pressure [hPa / mbar]</i>	<i>Control value [Digit]</i>
-300	1 050	41
-200	1 037	40
-100	1 025	40
0	1 013	39
100	1 001	39
200	989	38
300	977	38
400	966	37
500	954	37
600	943	36
700	932	36
800	921	36
900	909	35
1000	898	35
1100	888	34
1200	877	34
1300	866	33
1400	856	33
1500	845	33
1600	835	32
1700	825	32
1800	815	31
1900	805	31
2000	795	31
2100	785	30
2200	775	30
2300	766	30

Höhe über Meeres- spiegel (NN) [m]	Mittlerer Luftdruck [hPa / mbar]	Prüfwert [Digit]
<i>Altitude above sea level [m]</i>	<i>Average air pressure [hPa / mbar]</i>	<i>Control value [Digit]</i>
2400	756	29
2500	747	29
2600	737	28
2700	728	28
2800	719	28
2900	710	27
3000	701	27
3100	692	27
3200	683	26
3300	674	26
3400	666	26
3500	657	25
3600	649	25
3700	641	25
3800	632	24
3900	624	24
4000	616	24

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**Contact Us:**

Irl Ph: 01 4523432

UK Ph: 08452 30 40 30

Web: [www.carlstuart.com](http://www.carlstuart.com)

Email: [info@carlstuart.com](mailto:info@carlstuart.com)