

Tabelle1

Baro Correction

$$\text{correction} = \text{correction_at_total_vacuum} + (\text{rate} * \text{barometer}) / 100$$

Total Vac	Rate	Baro Werte				
		75	85	90	100	105
147	-47	111,75	107,05	104,7	100	97,65
55	45	88,75	93,25	95,5	100	102,25
56	44	89	93,4	95,6	100	102,2
57	43	89,25	93,55	95,7	100	102,15
58	42	89,5	93,7	95,8	100	102,1
59	41	89,75	93,85	95,9	100	102,05
60	40	90	94	96	100	102
61	39	90,25	94,15	96,1	100	101,95
62	38	90,5	94,3	96,2	100	101,9
63	37	90,75	94,45	96,3	100	101,85
64	36	91	94,6	96,4	100	101,8
100	0	100	100	100	100	100

Vorgabe der MS Seite

Sinnvoller Wert?

Ohne Korrektur

Hier müssen die Werte rein!!!

Barometric Correction

Correction for barometric effects is performed using the linear function below.

$$\text{correction} = \text{correction_0} + (\text{rate} * \text{barometer}) / 100$$

At total vacuum' contains the total correction at a barometer reading of 0 kPa (you are on the moon).

The 'Rate' contains the percentage per 100 kPa to scale the barometer value.

Using the default values of 147 and -47, we see that for a barometer of 100 kPa, we have 100% correction.

$$\text{correction} = 147 + (-47 * 100) / 100 = 100\%$$