



## SUMMARY of SmokePoint smoking cabin measurements

Summary is based on report issued by Institute of Occupational Safety 2007 attached to the summary

### SUMMARY

Institute of Occupational Safety carried out filtration efficiency tests on SmokePoint smoking cabin. Tests were done according to local legislation requirements.

Measurements of tobacco specific gases and dust have been carried out inside and outside SmokePoint, in a room with no ventilation (room volume 48,6m<sup>3</sup>). 32 cigarettes were smoked by 1 to 4 smokers in SmokePoint at the same time under the calculation that the occupancy of SmokePoint is on the average 75% and each person takes approx. 10 minutes. Smokers were walking in and out of SmokePoint regularly to ensure real life conditions under testing. Measurement period was 2 hours to ensure high volume of air to be tested which is vital in measuring efficiency.

	Inside SmokePoint (µg/m <sup>3</sup> )	Outside SmokePoint (µg/m <sup>3</sup> )	Threshold value (Germany)
Nicotine	94	< 8 *	
Benzene	13	< 2 *	
Toluene	18	< 2 *	
Xsilene	13	< 2 *	
TVOC	338	15	< 200
Alveolar dust	370	< 40 *	

\* Values under detection limit

### CONCLUSION

All values measured were under detection limit indicating extremely high efficiency of SmokePoint. Filtration of the dust particles is additionally ensured by H13 standard filter with 99.95% filtration according to EN 1822. TVOC (Total Volatile Organic Compounds) is far below the threshold value thus proving general quality of air.