

# DIN ISO 4387:2018-09 (E)

**Cigarettes - Determination of total and nicotine-free dry particulate matter using a routine analytical smoking machine (ISO 4387:2000 + Amd.1:2008 + Amd.2:2017)**

---

<b>Contents</b>	<b>Page</b>
National foreword .....	3
National Annex NA (informative) Bibliography .....	4
Foreword .....	5
Introduction .....	6
1 Scope .....	7
2 Normative references .....	7
3 Terms, definitions and abbreviated terms .....	7
4 Principle .....	8
5 Apparatus .....	9
6 Sampling .....	9
7 Determination of total particulate matter .....	9
7.1 Preparation of the cigarettes for smoking .....	9
7.2 Marking the butt length .....	11
7.3 Selection of cigarettes .....	11
7.4 Conditioning .....	11
7.5 Preliminary tests before smoking .....	12
7.6 Smoking and collection of particulate matter .....	12
7.7 Determination of total particulate matter .....	14
7.8 Calculation of total particulate matter .....	14
7.9 Treatment of total particulate matter .....	14
8 Test report .....	15
9 Repeatability and reproducibility .....	17
Annex A (informative) Smoking plans .....	18
Bibliography .....	23