

DIN EN ISO 28927-5:2015-12 (E)

Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 5: Drills and impact drills (ISO 28927-5:2009 + Amd 1:2015) (includes Amendment A1:2015)

Contents	Page
Foreword to EN ISO 28927-5:2009.....	3
A1 Foreword to EN ISO 28927-5:2009/A1:2015	4
Introduction	5
1 Scope	6
2 Normative references	6
3 Terms, definitions and symbols.....	7
3.1 Terms and definitions	7
3.2 Symbols.....	8
4 Basic standards and vibration test codes.....	8
5 Description of the family of machines.....	8
6 Characterization of vibration	11
6.1 Direction of measurement	11
6.2 Location of measurements.....	11
6.3 Magnitude of vibration.....	15
6.4 Combination of vibration directions.....	15
7 Instrumentation requirements.....	15
7.1 General.....	15
7.2 Mounting of transducers	15
7.3 Frequency weighting filter	15
7.4 Integration time.....	15
7.5 Auxiliary equipment	16
7.6 Calibration	16
8 Testing and operating conditions of the machinery.....	16
8.1 General.....	16
8.2 Operating conditions	16
8.3 Other quantities to be specified.....	17
8.4 Attached equipment, work piece and task.....	17
8.5 Operator	19
9 Measurement procedure and validity	19
9.1 Reported vibration values	19
9.2 Declaration and verification of the vibration emission value	20
10 Measurement report	20
Annex A (informative) Model test report for vibration emission of drills and impact drills	21
Annex B (normative) Determination of uncertainty	23
Bibliography	25