

ISO 18386:2025-06 (E)

Soil quality - Screening method for soil temperature - Measurement by infrared (IR) thermometer

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle and application	1
4.1 Fundamentals.....	1
4.2 IR detection principle.....	2
4.3 Typical original application of IR thermometers.....	2
4.4 Diversion of IR thermometers to soil temperature measurement.....	2
5 Apparatus	3
6 Procedure	3
6.1 General.....	3
6.2 Drilling a hole.....	3
6.3 IR detection.....	3
6.3.1 General.....	3
6.3.2 Close-to-a-spot measurement.....	4
6.3.3 Remote measurement.....	4
7 Quality assurance and quality control	4
8 Test report	4
Bibliography	5