

DIN ISO 10390

DIN

ICS 13.080.10

Supersedes
DIN ISO 10390:1997-05

**Soil quality –
Determination of pH (ISO 10390:2005)
English version of DIN ISO 10390:2005**

Bodenbeschaffenheit –
Bestimmung des pH-Wertes (ISO 10390:2005)
Englische Fassung DIN ISO 10390:2005

Document comprises 10 pages

National foreword

This standard has been prepared by ISO/TC 190 'Soil quality'.

The responsible German body involved in its preparation was the *Normenausschuss Wasserwesen* (Water Practice Standards Committee), Technical Committee I *Boden- und Abfalluntersuchung*.

Expert assistance and specialized laboratories will be required to perform the analysis described in this standard.

The DIN Standards corresponding to the International Standards referred to in clause 2 and in the bibliography of the ISO Standard are as follows:

ISO 1770	DIN 12778
ISO 3696	DIN ISO 3696
ISO 5725-2	DIN ISO 5725-2
ISO 11464	DIN ISO 11464

Amendments

This standard differs from the May 1997 edition as follows:

- a) The pH value of the buffer solution specified in subclause 4.4.2 has been amended.
- b) The mixing time of the suspension (cf. subclause 7.1.3) has been changed.
- c) A more detailed description of the pH measurement has been given (cf. subclause 7.3).
- d) The standard has been editorially revised.

Previous editions

DIN ISO 10390: 1997-05
DIN 19684-1: 1977-02

National Annex NA (informative)

Bibliography

DIN 12778, *Laboratory glassware — Laboratory thermometers, smallest scale division 1 °C and 2 °C*

DIN ISO 3696, *Water for analytical laboratory use — Specification and test methods*

DIN ISO 5725-2, *Accuracy (trueness and precision) of measurement methods and results — Part 2: Basic method for the determination of repeatability and reproducibility of a standard measurement method*

DIN ISO 11464, *Soil quality — Pretreatment of samples for physico-chemical analysis*

Soil quality — Determination of pH

Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 10390 was prepared by Technical Committee ISO/TC 190, *Soil quality*, Subcommittee SC 3, *Chemical methods and soil characteristics*.

This second edition cancels and replaces the first edition (ISO 10390:1994), which has been technically revised.