



BSI Standards Publication

Specification for portable electrical apparatus designed to measure combustion flue gas parameters of heating appliances -

Part 3: Performance requirements for apparatus used in non-statutory servicing of gas fired heating appliances

National foreword

This British Standard is the UK implementation of EN 50379-3:2012. It supersedes BS EN 50379-3:2004 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee EXL/31/1, Gas detectors.

A list of organizations represented on this committee can be obtained on request to its secretary.

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English version

**Specification for portable electrical apparatus designed to measure
combustion flue gas parameters of heating appliances -
Part 3: Performance requirements for apparatus used in non-statutory
servicing of gas fired heating appliances**

Spécification pour les appareils
électriques portatifs conçus pour mesurer
les paramètres des gaz de combustion
dans les conduits d'évacuation des
appareils de chauffage -
Partie 3: Prescriptions des
caractéristiques des appareils utilisés
dans le service après-vente hors champ
réglementaire des appareils de chauffage
à gaz

Anforderungen an tragbare elektrische
Geräte zur Messung von
Verbrennungsparametern von
Heizungsanlagen -
Teil 3: Anforderungen an das
Betriebsverhalten von Geräten für den
Einsatz im nicht-geregelten Bereich bei
Wartungen von gasbefeuelten
Heizungsanlagen

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

This document (EN 50379-3:2012) has been prepared by CLC/TC 216 "Gas detectors".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2013-03-19
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2015-03-19

This document supersedes EN 50379-3:2004.

EN 50379-3:2012 includes the following significant technical changes with respect to EN 50379-3:2004:

- 5.5.7 considers calibration curves for sensors with nonlinear signal;
- 5.5.8 considers influence of pressure variations;
- 5.5.9 considers the influence of water vapour on the gas signal;
- 5.7.2 for calculated values was amended;
- 5.9.1 was amended to cover measurement at the circular orifice.

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