
**Mopeds — Measurement method for
gaseous exhaust emissions and fuel
consumption —**

**Part 3:
Fuel consumption measurement at a
constant speed**

*Cyclomoteurs — Méthode de mesure des émissions de gaz polluants et
de consommation de combustible —*

Partie 3: Mesure de consommation de combustible à vitesse constante





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ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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 6855-3 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 23, *Mopeds*.

ISO 6855-3 cancels and replaces ISO 6855:1983 and ISO 7859:2000, which have been technically revised.

ISO 6855 consists of the following parts, under the general title *Mopeds — Measurement method for gaseous exhaust emissions and fuel consumption*:

- *Part 1: General test requirements*
- *Part 2: Test cycles and specific test conditions*
- *Part 3: Fuel consumption measurement at a constant speed*

Introduction

This part of ISO 6855 defines specific requirements for measurement of fuel consumption at a constant speed. The measurement can be carried out by referring to this part of ISO 6855 and ISO 6855-1.

Mopeds — Measurement method for gaseous exhaust emissions and fuel consumption —

Part 3: Fuel consumption measurement at a constant speed

1 Scope

This part of ISO 6855 specifies the methods of measurement for fuel consumption at a constant speed on the road and on the chassis dynamometer. It is applicable to mopeds as defined in ISO 3833 equipped with a spark ignition engine (four-stroke engine, two-stroke engine or rotary piston engine).

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 6855-1:2012, *Measurement methods for gaseous exhaust emissions and fuel consumption — Part 1: General test requirements*

ISO 7116, *Road vehicles — Measurement method for the maximum speed of mopeds*

ISO 28981, *Mopeds — Methods for setting the running resistance on a chassis dynamometer*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

target test speed

constant speed at which the moped is tested