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JIS D 8201 : 1994

**Tyre gauges for automobiles**

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ICS 83.160.10

**Descriptors** : road vehicles, private cars, tyres, pressure gauges

**Reference number** : JIS D 8201 : 1994 (E)

D 8201 : 1994

## Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law:

Date of Establishment: 1955-04-14

Date of Revision: 1994-09-01

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In the event of any doubts arising as to the contents,  
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## Tyre gauges for automobiles

### 1. Scope

This Japanese Industrial Standard specifies the spring type tyre gauges to be used for the measurement of air pressure of tyres for automobiles, hereinafter referred to as the "tyre gauges".

Remark 1: Normative references are as follows:

JIS D 4207-Tire Valves for Automobiles

JIS G 3522-Piano Wire

JIS H 3100-Copper and Copper Alloy-Sheets, Plates and Strip

JIS H 3130-Copper Beryllium Alloy, Phosphor Bronze and Nickel Silver-Sheets, Plates and Strips for Springs

JIS H 3250-Copper and Copper Alloy-Rods and Bars

JIS H 3260-Copper and Copper Alloy Wire

JIS H 3300-Copper and Copper Alloy-Seamless Pipes and Tubes

JIS H 4000-Aluminium and Aluminium Alloy Sheets and Plates, Strips and Coiled Sheets

JIS H 8617-Electroplated Coatings of Nickel and Chromium

JIS K 6380-Industrial Rubber Packing Materials

Remark 2: The units and numerical values given in ( ) in this Standard are based on the traditional unit system, and are appended for informative reference.

### 2. Classification

The tyre gauges shall be classified into 3 classes as given in Table 1 according to their uses, that is, for low pressure, for high pressure and for special uses<sup>(1)</sup>.

Table 1

Unit: kPa (kgf/cm<sup>2</sup>)

| Class                           | Scale range              | Minimum scale                                                                           |
|---------------------------------|--------------------------|-----------------------------------------------------------------------------------------|
| For low pressure                | 100 to 400<br>(1 to 4)   | 10 or 20<br>{0.1 or 0.2}                                                                |
| For high pressure               | 100 to 1000<br>(1 to 10) | 20 for 100 to 400, 20 or 50 for 400 to 1000<br>{0.2 for 1 to 4, 0.2 or 0.5 for 4 to 10} |
| For special uses <sup>(1)</sup> | 100 to 1100<br>(1 to 11) | 10 for 100 to 400, 20 for 400 to 1100<br>{0.1 for 1 to 4, 0.2 for 4 to 11}              |

Note (1) Values for special uses may be applied to the standard gauge for measurement.