Meters



Task 1. Work at pronunciation:

To belong	Принадлежать
To measure	Измерять
In series	Последовательно
To be divided into	Быть разделенным на …
To deflect	Отклоняться
Accuracy	Точность
According	Согласно
Permanent	Постоянный

Task 2. Pronounce the words.

To belong	Принадлежать
To measure	Измерять
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To be divided into	Быть разделенным на …

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Task 3. Read the text for the first time. Fill in the gaps. Use the hints below.

To meters belong_____, voltmeters and ohmmeters. With the help of a voltmeter one can measure voltage. The ohmmeter is used to measure resistance and the ammeter is used to measure the value of current. In the electric circuit the ammeter is connected in series.

Ammeters are divided into 4 types according to their _____a) rectifier type ammeter b) electro-dynamometer ammeter c) moving iron ammeter d) permanent moving coil ammeter.

Rectifier ammeter is used for measuring alternating current in the communication circuit. Permanent moving coil ammeter is used for the measurement of direct current. _____is placed between the poles of the permanent magnet. When the current flows through the coil, it starts deflecting. The deflection depends on the magnitude of the current. Moving iron ammeter measures direct and alternating current. The coil moves between the poles of a permanent magnet. When _____passes through the coil, it starts deflecting at a certain angle. Electro-dynamometer ammeter measures DC and AC. It has high accuracy.

current

The conductor

ammeters

construction:

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