

SI units

Fundamental units

<i>Quantity</i>	<i>Unit</i>	<i>Symbol</i>
Length	Metre	m
Mass	Kilogram	kg
Time	Second	s
Electric current	Ampere	A
Temperature	Kelvin	K
Energy	Joule	J
Electrical resistance	Ohm	Ω
Luminous intensity	Candela	cd
Amount of substance	Mole	mol

Selected derived units

<i>Quantity</i>	<i>Unit</i>	<i>Symbol</i>
Electric charge	Coulomb	C
Capacitance	Farad	F
Inductance	Henry	H
Frequency	Hertz	Hz
Conductance	Siemen	S
Magnetic flux	Weber	Wb
Magnetic flux density	Tesla	T
Voltage (potential difference)	Volt	V
Area	Square metre	m ²
Volume	Cubic metre	m ³
Volume (fluid capacity)	Litre	l
Force	Pascal	Pa
Velocity	Metre per second	ms ⁻¹ or m/s
Acceleration	Metre per second per second	ms ⁻² or m/s ²
Density	Kilogram per metre cubed	kgm ⁻³ or kg/m ³