

The Seven SI Units

Quantity Name	Unit Name	Unit Symbol
Mass	kilogram	kg
Length	meter	m
Time	second	s
Amount of substance	mole	mol
Temperature	Kelvin	K
Electric current	Ampere	A
Luminous intensity	candela	cd

Derived Units

Quantity Name	Unit Name	Symbol	SI Base Unit Equivalents
Volume	liter	L or l	m^3
Energy, work, or heat	Joule	J	$\text{kg} \cdot \text{m}^2 \cdot \text{s}^{-2}$
Pressure	Pascal	Pa	$\text{kg}/\text{m} \cdot \text{s}^2$
Force, weight	Newton	N	$\text{kg} \cdot \text{m}/\text{s}^2$
Frequency	Hertz	Hz	s^{-1}