

Units of Measure

Units marked with asterisks are base, derived, or supplementary units of the Systeme International.

Unit Abbreviation

abampere – spell out

abohm – spell out

abvolt – spell out

amagat – spell out

*ampere – A

ampere hour – A h

ampere turns per meter – At/m

angstrom – Å

arc minute – arc min

astronomical unit – AU

atmosphere – atm

atmosphere, standard – As

atomic mass unit – u

atomic parts per million – at. ppm

atomic percent – at. %

atomic time unit – atu

atomic unit– a.u.

attofarad – aF

bar – spell out

bark – spell out

barn – b

barye – spell out

biot – Bi

bit or bits – spell out

blobs per hundred microns – blobs/(100 μm)

bohr – spell out

British thermal unit – Btu

bytes – spell out

calorie – cal

*candela – cd

candelas per square meter – cd/m²

candlepower – cp

centimeter – cm

centipoise – cP

*coulomb – C

counts per minute – counts/min, cpm

counts per second – counts/s

cubic centimeter – cm³, (cc not rec.)

curie – Ci

cycle – spell out, c

cycles per second – cps, c/s

day d, – or spell out

debye – D

decibel – dB, dBm

degree – [ring], deg

degrees – Baumé [ring]B

degrees – Celsius (centigrade) [ring]C

degrees – Fahrenheit [ring]F

degrees – Kelvin K

disintegrations per minute – dis/min

disintegrations per minute per microgram – dis/min ug

disintegrations per second – dis/s

dyne – dyn

electromagnetic unit – emu

electron barn – eb

electrons per atom – e/at.

electrons per cubic centimeter – e/cm³, e/cc, e cm⁻³

electron unit – e.u.

electron volt – eV

electrostatic unit – esu

entropy unit – eu

erg – spell out

*farad – F

femtofarad – fF

femtometer – fm

fermi – F

fissions per minute – fpm

foot – ft

foot-candle – fc

foot-lambert – fL

foot-pound – ft lb

formula units – f.u.

franklin – Fr

gal – Gal (unit of gravitational force

centistoke – cS

gallon – gal

gauss – G

gibbs – spell out

gigacycles per second – Gc/s

giga-electron-volt – GeV

gigahertz – GHz

gigavolt – GV

gilbert – Gi

gram – g

hartree – spell out

hectogram – hg

*henry – H

*hertz – Hz

horsepower – hp

hour – h

inch – in.

*joule – J

kayser – K

*kelvin – K

kilobar – kbar

kilobyte – kbyte

kilocalorie – kcal

kilocycles per second – kc/s

kilodegrees Kelvin – kK

kilodyne – kdyn

kilo-electron-volt – keV

kilogauss – kG

*kilogram – kg

kilogram force – kgf

kilogram meter – kg m

kilohertz – kHz

kilohm – k[Omega]

kilojoule – kJ

kilomegacycles per second – kMc/s

kilometer – km

kilo-oersted – kOe

kiloparsec – kpc

kilosecond – ks,ksec

kiloton – kt

kilovolt – kV

kilovolt ampere – kV A

kilowatt – kW

kilowatt hour – kW h

knot – kn

lambert – L

langmuir – L

liter – l, L

Lorentz unit – LU

*lumen – lm

lumens per watt – lm/W

*lux – lx

Mach – M

maxwell – Mx

megahertz – MHz

megacycles per second – Mc/s

mega-electron-volt – MeV

megarad – Mrad

megavolt – MV

megawatt – MW

megohm – M[Ω]

meter – m

meter-kilogram-second ampere – mksa

meter-kilogram-second coulomb – mksc

meter of water equivalent – mwe, m (w.e.)

mho – ohm⁻¹

microampere – μA

microampere hour – μA h

microcoulomb – μC

microfarad – μF

microhm – μ[Ω]

micrometer – μm

micromole – μmol

microm – μm

microns of mercury – μm Hg

microsecond – μs, μsec

microunit – μu

mil – spell out

mile – spell out

milliampere – mA

millibarn – mb

millicurie – mCi

millidegrees – Kelvin mK

milligram – mg

millihenry – mH

milliliter – ml

millimeter – mm

millimeters of mercury – mm Hg

millimicron – m μ m

million electron volt – MeV

million volt – MV

milliunit – mu

millivolt – mV

minute – (i) min, (ii)'

molal (concentration) – m

molar (concentration) – M

*mole – mol or spell out

mole percent – mol %, mole %

mole percent metal – MPM

month – spell out

nanobarn – nb

nanometer – nm

nanosecond – ns, nsec

nanoseconds per meter – ns/m

neper – Np

neutrons per fission – n/[florin]

neutrons per second – n/s

neutrons per second per square cm – n/s cm²

*newton – N

normal (concentration) – N

oersted – Oe

*ohm – [Omega]

ohm centimeter – [Omega] cm

ohm centimeter per centimeter per cubic centimeter – [Omega]
cm/(cm/cm³)

ounce – oz

parsec – pc

parts per billion – ppb

parts per million – ppm

*pascal – Pa

picofarad – pF

poise – P

pound – lb

pound-force per square inch – lb/in.²

pounds per square inch – psi

pounds per square inch absolute – psi (absolute)

pounds per square inch gauge – psi (gauge)

rad – spell out

*radian – rad

radiation length – r.l.

reciprocal ohm – mho

revolutions per minute – rpm

revolutions per second – rev/s, rps

roentgen – R

rydberg – Ry

*second – (i) s, sec (ii)"

shake – spell out

*siemens – S

standard cubic centimeter per second – sccm

statampere – spell out

statohm – spell out

statvolt – spell out

*steradian – sr

stoke – S

tera-electron-volt – TeV

tetrahertz – Thz

*tesla – T

ton – spell out

torr – Torr, torr

townsend – Td

unified atomic mass unit – u

*volt – V

volume percent – vol %

*watt – W

*weber – Wb

webers per square meter – Wb/m²

week – spell out

weight percent – wt%

Weisskopf unit – W.u.

year – yr