

The total solution for all your calibrations.

Quantities and units

Here you can find a complete overview of the available quantities and units in AutoCal+.

Quantity	Unit name	Unit	Main unit
Pressure	millibar	mbar	
	bar	bar	
	Pascal	Pa	
	hecto Pascal	hPa	
	kilo Pascal	kPa	
	mega Pascal	MPa	
	millimeter Hg	mmHg	
	kg force per square cm	kgf/cm ²	
	millimeter H ₂ O	mmH ₂ O	
	centimeter H ₂ O	cmH ₂ O	
	meter H ₂ O	mH ₂ O	
	inches H ₂ O	inH ₂ O	
	feet H ₂ O	ftH ₂ O	
	pounds per square inch	psi	
	inches Hg	inHg	
	torr	torr	
Temperature	degrees Celsius	°C	
	degrees Farenheit	°F	
	Kelvin	K	
	degrees Rankine	°R	

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Quantity	Unit name	Unit	Main unit
Current	microampere	µA	
	milliampere	mA	
	ampere	A	✓
Voltage	microvolt	µV	
	millivolt	mV	
	Volt	V	
	kilovolt	kV	
	megavolt	MV	
Resistance	Ohm	Ohm	✓
	kiloOhm	kOhm	
	megaOhm	MOhm	
Frequency	hertz	Hz	
	kilohertz	kHz	
	megahertz	MHz	
	Cycles / minute	cpm	✓
	revolutions per second	rps	
	revolutions per minute	rpm	
	revolutions per hour	rph	

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Quantity	Unit name	Unit	Main unit
Force	milli Newton	mN	
	Newton	N	
	kilo Newton	KN	
	Mega Newton	MN	
Torque	Newton centimeter	Ncm	
	Newton meter	Nm	
	ounce-force inch	ozfin	
	pound-force inch	lbfm	
	kilogram-force meter	kgfm	
Power	milli Watt	mW	
	Watt	W	
	Kilo Watt	kW	
	Mega Watt	MW	
	Joule per second	J/s	
	Joule per minute	J/min	
	Joule per hour	J/h	
Mass	milligram	mg	
	gram	g	
	kilogram	kg	
	ounce	Oz	
	pound	lb	

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Quantity	Unit name	Unit	Main unit
Length	micrometer	µm	
	millimeter	mm	
	centimeter	cm	
	decimeter	dm	
	Newton centimeter	Ncm	
	m	m	✓
	inch	in	
	foot	ft	
	miles	mi	
	micron	µ	
	nanometer	nm	
	yard	yd	
Area	square millimeter	mm ²	
	square centimeter	cm ²	
	square decimeter	dm ²	
	square meter	m ²	✓
	square kilometer	km ²	
	square miles	mi ²	
	square yard	yd ²	
	hectar	ha	
	are	a	

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Quantity	Unit name	Unit	Main unit
	square inch	in ²	
	acre	ac	
	barn	b	
	square foot	ft ²	
Volume	micro liter	µl	
	milliliter	ml	
	centiliter	cl	
	deciliter	dl	
	liter	l	
	cubic millimeter	mm ³	
	cubic centimeter	cm ³	
	cubic decimeter	dm ³	
	cubic meter	m ³	✓
	cubic foot	ft ³	
	cubic inch	in ³	
	gallon	gal	
	gallon (UK)	gal	
Flow (mass)	milligram per second	mg/s	
	milligram per minute	mg/min	
	milligram per hour	mg/h	
	gram per second	g/s	

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Quantity	Unit name	Unit	Main unit
	kilogram per minute	kg/min	
	ounce per second	oz/s	
	ounce per minute	oz/min	
	ounce per hour	oz/h	
	pound per second	lb/s	
	pound per minute	lb/min	
	pound per hour	lb/h	
Flow (volume)	cubic meter per second	m ³ /s	✓
	cubic meter per minute	m ³ /min	
	cubic meter per hour	m ³ /h	
	cubic foot per second	ft ³ /s	
	cubic foot per minute	ft ³ /min	
	cubic foot per hour	ft ³ /h	
	liter per second	l/s	
	liter per minute	l/min	
	liter per hour	l/h	
	cubic inch per second	in ³ /s	
	cubic inch per minute	in ³ /min	
	cubic inch per hour	in ³ /h	

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Quantity	Unit name	Unit	Main unit
Time	nanosecond	ns	
	millisecond	ms	
	second	s	✓
	minute	min	
	hour	h	
Capacity	pico Farad	pF	
	nano Farad	nF	
	micro Farad	µF	
	milli Farad	mF	
	Farad	F	✓
Acidity	power of hydrogen	pH	✓
Conductivity	micro Siemens	µS	
	milli Siemens	mS	
	Siemens	S	✓
	kilo Siemens	kS	
	Mega Siemens	MS	
Pulses	Pulse per second	pulse/s	✓
Relative humidity	Percentage	%	✓
Angle	Degree	°	✓
	Radian	Rad	

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Quantity	Unit name	Unit	Main unit
Planarity	millimeter per meter	mm/m	✓
Roundness	micrometer	µm	✓
Magnetic flux	Weber	wb	✓
Magnetic flux density	Tesla	Wb/m ²	✓
	Gauss	G	
Volume (sound)	decibel	db	✓
Inductance	microHenry	µH	
	milliHenry	mH	
	Henry	H	✓
Luminous intensity	Candela	cd	✓
Illuminance	Lux	lx	✓
Luminous flux	Lumen	lm	✓
Percentage	percent	%	✓
diameter	milimeter	mm	✓