

附录3 单位换算

3.1 Metric System

3.1.1 Length

micron (u) (微米)	=1/1,000,000(米)
centimillimetre(cmm) (忽米)	=1/100,000(米)
decimillimetre(dmm) (丝米)	=1/10,000(米)
millimeter(mm)(毫米)	=1/1,000(米)
centimeter(cm) (厘米)	=1/100(米)
decimeter(dm) (分米)	=1/10(米)
meter (m) (米)	=1m(米)
decameter(dam) (十米)	=10m(米的十倍)
hectometer(hm) (百米)	=100m(米的百倍)
kilometer(km) (千米)	=1000m(米的千倍)

3.1.2 Area

square millimeter (平方毫米)	=1/1,000,000(平方米)
square centimeter(平方厘米)	=1/10,000(平方米)
square decimeter(平方分米)	=1/100(平方米)
square meter (平方米)	=1(平方米)
square decameter(百平方米)	=100(平方米)
square hectometer(万平方米)	=1/100(平方千米)
square kilometer(平方千米)	=1(平方千米)
square meter(平方米)	=1 centiare(千米)
centiare (ca) (千米)	=1/100 are(公亩)
are (a) (公亩)	=1/100 hectare(公顷)
hectare (ha) (公顷)	100 are(公亩)

3.1.3 Volume

cubic millimeter(立方毫米)	=1/1,000 (立方厘米)
cubic centimeter(立方厘米)	=1/1,000(立方分米)
cubic decimeter(立方分米)	=1/1,000(立方米)
cubic meter(立方米)	=1(立方米)

3.1.4 Capacity

milliliter(ml) (毫升)	=1/1,000(升)
centiliter(cl) (厘升)	=1/100(升)
deciliter(dl) (分升)	=1/10(升)
litre (l) (升)	=1(升)
decalitre (dal) (十升)	=10(升)
hectoliter (hl) (百升)	=100(升)
kilolitre (kl) (千升)	=1,000(升)

3.1.5 Weight

milligramme (mg) (毫克)	=1/1,000g(克)
centigramme (cg) (厘克)	=1/100g(克)
decigramme (dg) (分克)	=1/10g(克)
gramme (g) (克)	=1g (克)
decagramme (dag) (十克)	=10g (克)
hectogramme (hg) (百克)	=100g(克)
kilogramme (kg) (千克)	=1000g(克)
quintal (q) (公担)	=100kg (千克)
metric ton (M.T.) , tonne (t) (公吨)	=1,000kg(千克)

3.2 Chinese System

3.2.1 Length

1 chi(市尺)	=10 cun(市寸)
1 zhang(市丈)	=10 chi(市尺)
1 li(里)	=150 zhang(丈)

3.2.2 Are

1 square li (平方里)	=375mu(亩)
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3.2.3 Capacity

1 dou(斗)	=10 sheng(升)
1 dan (石)	=10 dou(斗)

3.2.4 Weight

1 liang(两)	=10 qian(钱)
1 jin(斤)	=10 liang(两)
1 dan(担)	=100 jin(斤)

3.3 Anglo-American System

3.3.1 Length

1 mil(密耳)	=1/1000 in(英寸)
12 inches(英寸) (in.)	=1 foot(fl.) (英尺)
3 feet(英尺)	=1 yard (yd.) (码)
5 1/2 yard(码)	=1 rod(rd.) (杆) 或 pole(p.) 或 perch(p.)
40 rod(杆)	=1 furlong(fur.) (浪)
8 furlong(浪)	=1 mile(m.or.mi) (英里)
3 miles(英里)	=1 land league (里格)

3.3.2 Chain

144 square inches (sq.in.) (平方英寸)	=1 square foot(sq.ft) (平方英尺)
9 square feet(平方英尺)	=1 square yards(sq.yad.) (平方码)
30 1/4 square yards(平方码)	=1 square rod(sq.rd.) (平方杆) 或 square pole 或 square perch(sq.p.)
43,560 square feet(平方英尺) or 160 square rods(平方杆) or 4,840 square yards(平方码)	=1 acre (A.) (英亩)
circular mil 圆密尔(直径为 1 密耳的圆面积, 用作英制电线粗细的量度)	
625 square links (sq.li.) (平方令)	=1 square pole(sq.p.) (平方杆)
16 square poles(平方杆)	=1 square chain(sq.ch.) (平方链)
10 square chains(平方链)	=1 acre(A.) (英亩)
640 arce(英亩)	= 1 square mile(sq.mi.) (平方英里) 或 1 section(sec.) (段)
56 square miles(平方英里)	=1 township(tp.) (区)

3.3.3 Volume

1,728 cubic inches (cu.in.) (立方英寸)	=1 cubic foot(cu.ft) (立方英尺)
27 cubic feet(立方英尺)	=1 cubic yard (cu.yd.) (立方码)

3.3.4 Nautical Measure

6 feet (英尺)	=1 fathom (f. fm.) (英寻)
100 fathoms(英寻)	=1 cable's length(链)
10 cable's lengths(链)	=1 nautical mile(海里)
3 nautical miles(海里)	=1 marine league (水程里格)
60 nautical miles(海里)	=1 degree(度)