

# DMT

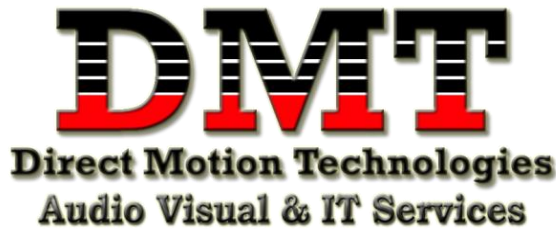
**Direct Motion Technologies**  
**Audio Visual & IT Services**

Length	METER	INCHES	YARDS
1 meter (m) = 100 cm = 1,000mm	1	39.37	1.093
1 millimeter (mm) = .001 m	0.945	36	1
1 centimeter (cm) = .01 m			
1 decimeter (dm) = .1 m	CENTIMETERS	INCHES	FEET
1 decameter (dkm) = 10 m	1	0.394	0.0328
1 hectometer (hm) = 100 m	30.48	12	1
1 kilometer (km) = 1,000 m			
Table of Linear Measure	KILOMETERS	MILES	
12 inches = 1 foot	1	0.621	
3 feet = 1 yard	1.609	1	
16 ½ ft. (5 ½ yds.) = 1 rod			
660 feet = 1 furlong	<a href="http://www.directmotiontechnologies.com">www.directmotiontechnologies.com</a> <b>NOTES:</b>		
320 rods (5280 ft.) = 1 mile			
1 mile = 5280 feet			
1 mile = 1760 yards			
1 kilometer = 1000 meters			
1 meter = 100 centimeters			
1 centimeter = 10 millimeters			
Table of Surface Measure			
144 sq. = 1 sq. ft.			
9 sq. yd. = 1 sq. yd.			
30 ¼ sq. yds. = 1 sq. rod.			
160 sq. rods. = 1 acre.			
640 acres = 1 sq. mile			
An acre measures 208.71 ft. on each side.			
A section of land is 1 sq. mile			
A township is 36. sq. miles.			

GRAMS	OUNCES	POUNDS
1	0.35	0.002
28.35	1	1/16
453.59	16	1
1,000.00	35.274	2.205

KILOGRAMS	OUNCES	POUNDS
1	35.274	2.205
0.028	1	1/16
0.454	16	1

LITERS	PINTS	QUARTS	GAL.
1	2.113	1.057	0.264
0.473	1	1/2	1/8
0.946	2	1	1/4
3.785	8	4	1



Weight
1 gram (g) = 100 cg = 1,000 mg
1 milligram (mg) = .001 g
1 centigram (cm) = .01 g
1 decigram (dg) = .1 g
1 decagram (dkg) = 10 g
1 hectogram (hg) = 100 g
1 kilogram (kg) = 1,000 g

Table of Avoirdupois Weight
8 grams = 1 ounce (oz.)
16 ounces = 1 pound (lb.)
100 pounds = 1 hundredweight (cwt.)

Table of Liquid Measure
4 gills (gi.) = 1 pint (pt.)
2 pints = 1 quart (qt.)
4 quarts = 1 gallon (gal.)
31 1/2 gallons = 1 barrel (bbl.)
2 barrels = hogshead (hhd.)

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Table Of Dry Measure
2 pints (pt.) = 1 quart (qt.)
8 quarts = 1 peck (pk.)
4 pecks = 1 bushel (bu.)
1 cord = 128 cu. ft.
Table of Apothecaries Weight
20 grains (gr.) = 1 scruple
3 scruples = 1 gram
8 grams = 1 ounce
12 ounces = 1 pound (lb.)
Table of Troy Weight
24 grains (gr.) = pennyweight (dwt.)
20 pennyweights = 1 ounce (oz.)
12 ounces = 1 pound (lb.)

<b>Capacity</b>
1 liter (l) = 100 cl = 1,000 ml
1 milliliter (ml) = .001 l
1 centiliter (cl) = .01 l
1 deciliter (dl) = .1 l
1 decaliter (dcl) = 10 l
1 hectoliter (hl) = 100 l
1 kiloliter (kl) = 1,000 l

<b>Table of Time Measure</b>
60 seconds = 1 minute
60 minutes = 1 hour
24 hours = 1 day
7 days = 1 week
30 days = 1 calendar month
12 months = 1 year
365 days = 1 common year
366 days = 1 leap year
52 weeks = 1 year
100 years = 1 century

<b>Table of Circular Measure</b>
60 seconds (") = 1 minute (')
60 minutes = 1 degree
360 degrees = 1 circumference

<b>Table of paper Measure</b>
24 sheets = 1 quire
10 reams = 1 bale

<b>Table of Cubic Measure</b>
1728 cubic inches = 1 cubic foot
27 cubic feet = 1 cubic yard
128 cubic feet = 1 cord of wood
24 <sup>3</sup> / <sub>4</sub> cubic feet = 1 perch of stone

<b>Miscellaneous Measures</b>
12 units = 1dozen
12 doz. = 1 gross
12 gr. = 1 great gross
20 units = 1 score
1 hand = 4 inches
1 fathom = 6 feet
1 knot = 6086 feet
3 knots = 1 league
1 barrel flour = 196 lbs.
1 bu. Potatoes = 60 lbs.

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**NOTES:**

