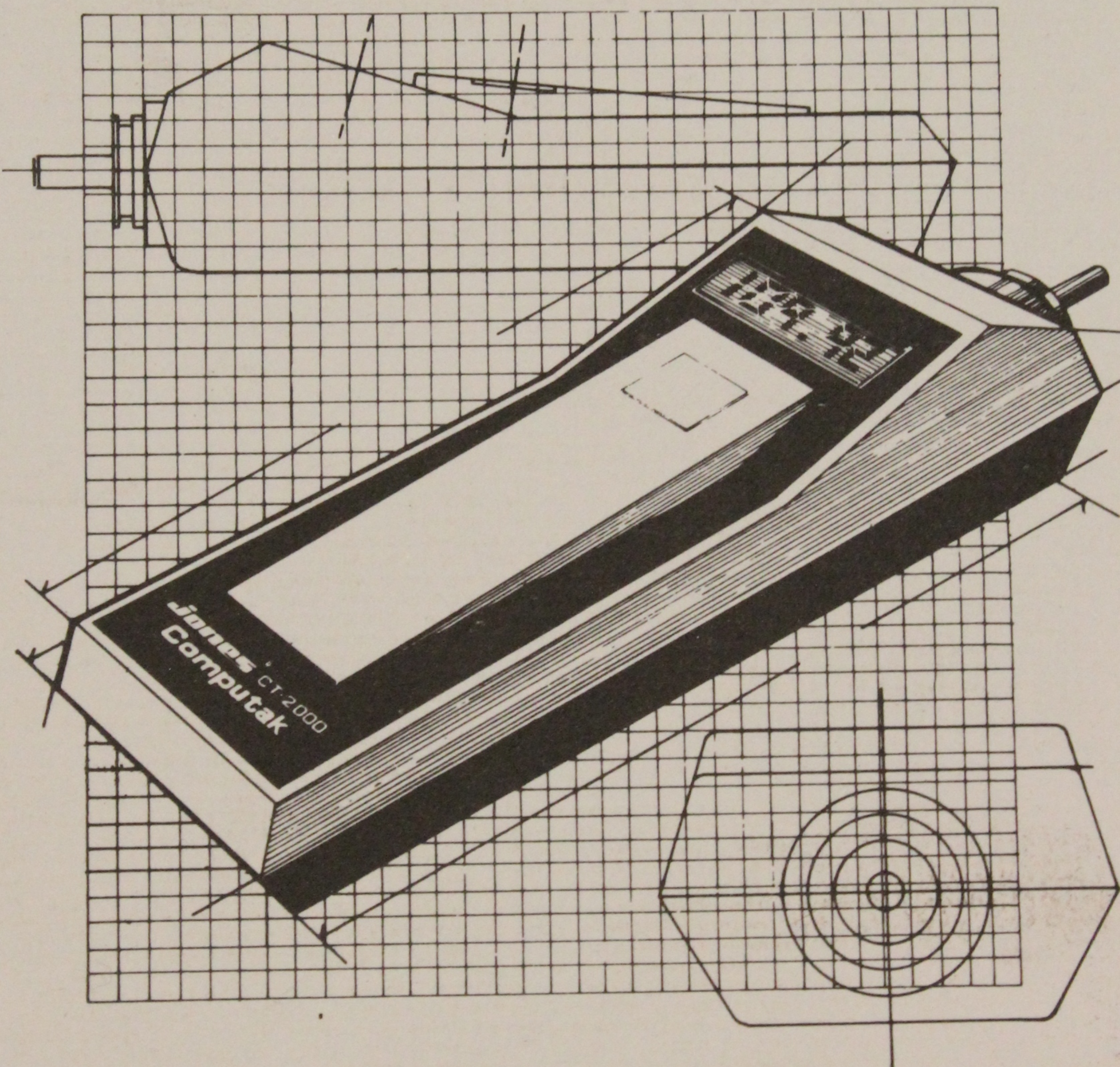


Jones[®]

COMPUTAK

The world's first computer tachometer.



OPERATION MANUAL

JONES COMPUTAK

Jones "Computak," digital hand held tachometer is programmed to compute and read-out in any one of 13 different standard units of measurement.

Each mode is pre-selectable. The last mode used is retained in the memory bank and is immediately displayed when the instrument is switched on.

ENGLISH SYSTEM PROGRAM CT-2000

Shaft Speed	R P Π	=	RPM	= revolutions per minute
	R P S	=	RPS	= revolutions per second
	R P H	=	RPH	= revolutions per hour
Linear Speed (using accessory wheel supplied)	F P Π	=	FPM	= feet per minute
	F P S	=	FPS	= feet per second
	F P H	=	FPH	= feet per hour
	I P Π	=	IPM	= inches per minute
	I P S	=	IPS	= inches per second
	I P H	=	IPH	= inches per hour
	Y P Π	=	YPM	= yards per minute
	Y P S	=	YPS	= yards per second
	Y P H	=	YPH	= yards per hour
	Π P H	=	MPH	= miles per hour

SPECIFICATIONS

The instrument is bi-directional and will compute continuous speeds from 0.25 to 50,000 RPM. Results are displayed within this input range in any one of the standard units of measure programmed into the model selected.

Display: 4½ digit liquid crystal 0.4" digits.

Update: 0.75 sec.

Memory: alternately displays last reading and unit of measure.

Power Supply: 4 AA alkaline cells; approximate life 10 hours (continuous); Low Battery Protection: If batteries are low, the display will not remain on. If this occurs the batteries should be replaced immediately.

Warning: if the unit of measure changes unexpectedly this is an indication of either:

A. poor battery contact

B. low battery level

Weight: 1.1 lbs.

Temperature range: 32°F-140°F

WARRANTY

Computak is guaranteed to be free of defects in workmanship and materials. Instruments returned prepaid to our factory will be repaired or replaced at no charge, provided they have not been opened or abused.

This guarantee shall terminate 6 months after shipment from our factory and is made in lieu of all other warranties, expressed or implied, either in law or in fact.

METRIC SYSTEM PROGRAM CT-2100 (Option)

\boxed{RPN}	=	RPM	=	revolutions per minute
\boxed{RPS}	=	RPS	=	revolutions per second
\boxed{RPH}	=	RPH	=	revolutions per hour
\boxed{mPN}	=	mPM	=	meters per minute
\boxed{mPS}	=	mPS	=	meters per second
\boxed{mPH}	=	mPH	=	meters per hour

RANGE & ACCURACY

Continuous reading from 0.25 to 50,000 RPM.

0.25-200 RPM	±	.01 RPM
200-2,000 RPM	±	0.10 RPM
2,000-20,000 RPM	±	1.00 RPM
20,000-50,000 RPM	±	10.00 RPM

OPERATION

1. To turn the instrument on, press switch point once. The display will indicate the unit of measure that was last used (see above).
2. To select or change mode, press and hold switch point. After 3 seconds, the instrument will cycle through the unit of measurement program (see above). Release the switch point when the desired unit of measure is displayed.
3. Take readings using the appropriate contact tip or wheel. NOTE: on displayed answers exceeding 20,000 units, decimal points represent commas, i.e.: display $\boxed{32.47} = 32,470$.

4. The memory function is activated by pressing the switch point momentarily as the input shaft is being driven. The last reading obtained will be displayed alternately with the unit of measure.

5. The display is cleared by pressing the switch point once more when the input shaft is at rest.

6. The instrument shuts off automatically if not operated for 30 seconds. If a reading is locked into "memory," the display will hold for 3 minutes before shutting off unless the input shaft is turned again or the display cleared.

ACCESSORIES

The instrument is supplied with concave and convex rubber tips for shaft contact, plus a rubber tired wheel for surface speed measurements.

IMPORTANT: Use only the accessories supplied. Other types may cause incorrect measurement. Replacements are available from your dealer.

Description

Part #

1 Large Convex Rubber Tipped Adapter	B-63
1 Concave Rubber Tipped Adapter	B-64
1 4" Extension Rod	B-61
1 Small Convex Rubber Tipped Adapter	B-65
1 6" Circumference Rubber Tired Wheel	B-62
1 Flexible Rubber Coupling	B-44-1
(To Be Used For Direct Connection To Shafts $\frac{1}{4}$ " - $\frac{3}{8}$ " Diam.)	

Patents pending. Made in U.S.A.