



康高特-HT HT2236手持式转速表

Rel. 2.00 of 09/07/24

Professional optical tachometer

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1. TECHNICAL SPECIFICATIONS

Accuracy is calculated as $\pm[\% \text{readings} + (\text{num dgt} \times \text{resolution})]$ at $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$, $<75\% \text{RH}$

SPEED MEASUREMENT WITHOUT CONTACT

Function	Range	Resolution	Accuracy
RPM	2.0 ÷ 9999.9	0.1	$\pm (0.05\% \text{rdg} + 1 \text{dgt})$
	10000 ÷ 99999	1	
RPS (HZ)	0.1 ÷ 166.7	0.1	
	167 ÷ 1667	1	

SPEED MEASUREMENT WITH CONTACT

Function	Range	Resolution	Accuracy
rPm	2.0 ÷ 9999.9	0.1	$\pm (0.05\% \text{rdg} + 1 \text{dgt})$
	10000 ÷ 20000	1	
RPS (HZ)	0.1 ÷ 166.7	0.1	
	167 ÷ 333	1	

SPEED MEASUREMENT ON SURFACES (WHEEL TIP WITH C = 10cm)

Function	Range	Resolution	Accuracy
M/M	0.2 ÷ 2000	0.1/1	$\pm (0.05\% \text{rdg} + 1 \text{dgt})$
I/M	7.8 ÷ 78000		
F/M	0.6 ÷ 6000		
Y/M	0.4 ÷ 4000		

2. GENERAL SPECIFICATIONS

General characteristics

Measuring distance:	50 ÷ 500mm
Time base:	quartz crystal
Internal memory:	40 locations

Display

Characteristics:	5 digit LCD 99999 points with backlight
Sample rate:	0.5s (>120 rpm)
Overrange indication:	"OL" message on the display

Power supply

Internal power supply:	1x9V alkaline battery type IEC 6F22
Battery life:	approx 12 hours
External power supply:	adapter:100-240V / 50-60Hz, 6V÷9VDCmax, max 1A
Auto Power OFF	after 15s of idleness

Mechanical characteristics

Dimensions (L x W x H):	155 x 55 x 35mm
Weight (included battery):	168g
Mechanical protection:	IP40

Environmental condition of use

Reference temperature:	$23^{\circ}\text{C} \pm 5^{\circ}\text{C}$
Working temperature:	$0^{\circ}\text{C} \div 50^{\circ}\text{C}$
Working humidity:	$<75\% \text{RH}$
Storage temperature:	$-10^{\circ}\text{C} \div 60^{\circ}\text{C}$
Storage humidity:	$<75\% \text{RH}$
Max height of use:	2000m

This instrument satisfies the requirements of EMC Directive 2014/30/EU
This instrument satisfies the requirements of 2011/65/EU (RoHS) directive and 2012/19/EU (WEEE) directive)