



<p>Highlighted rows all have the same value</p>	 <p>HM70/76</p>	 <p>HM70/77</p>
<b>GENERAL</b>		
Measurement parameter(s)	Relative humidity Temperature Absolute humidity* Dewpoint temperature* Enthalpy* Mixing ratio* Water vapor pressure* Wet bulb	Relative humidity Temperature Absolute humidity* Dewpoint temperature* Enthalpy* Mixing ratio* Water vapor pressure* Wet bulb
Instrument type	Hand-held portable	Hand-held portable
<b>MEASUREMENT PERFORMANCE</b>		
Humidity measurement range	0 ... 100 % RH	0 ... 100 % RH
Humidity measurement accuracy	±1.0 % RH (0 ... 90 % RH) ±1.7 % RH (90 ... 100 % RH)	±1.0 % RH (0 ... 90 % RH) ±1.7 % RH (90 ... 100 % RH)
Temperature measurement range	-50 ... +120 °C (-58 ... +248 °F)	-70 ... +180 °C (-94 ... +356 °F)
Temperature measurement accuracy	±0.2 °C (±0.36 °F)	±0.2 °C (±0.36 °F)
<b>OPERATING ENVIRONMENT</b>		
Temperature	-50 ... +120 °C (-58 ... +248 °F)	-70 ... +180 °C (-94 ... +356 °F)
<b>INPUTS AND OUTPUTS</b>		
Operating voltage	Rechargeable NiMH battery pack or 4xAA-size alkaline batteries, type IEC LR6	Rechargeable NiMH battery pack or 4xAA-size alkaline batteries, type IEC LR6
Analog output(s)	0 ... 1 V	0 ... 1 V
Service port	RS-232	RS-232
<b>OPTIONS</b>		
Display options	LCD with backlight and graphic trend display	LCD with backlight and graphic trend display
Housing classification	IP65 (NEMA 4) for probe IP54 for MI70 indicator	IP65 (NEMA 4) for probe IP54 for MI70 indicator

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Suggestions only. Please discuss your measurement application in further detail with our knowledgeable [sales force](#).