

# FUTEK MODEL IHH200

ITEM#: SEE BELOW

## HAND HELD PORTABLE DIGITAL DISPLAY

FOR USE W/ ANY STRAIN GAGED SENSOR

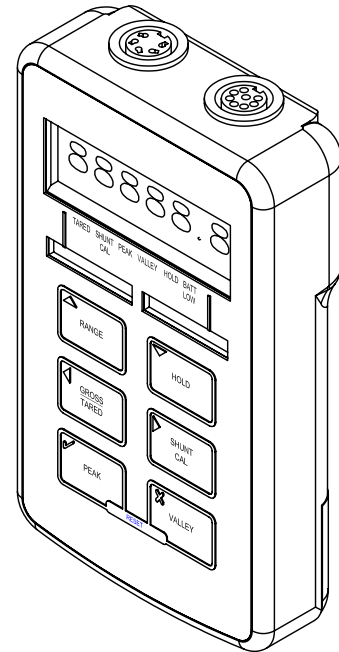
AVAILABLE WITH TEDS AND RS232

Drawing Number: FI1286

INCH [mm]

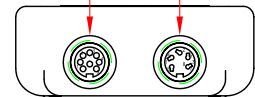
### FEATURES:

- 0.5, 1, 3, 10, 25Hz selectable rate
- 7 digit LCD Display with 8.8mm high digits
- Input range up to  $\pm 5$  mV/V
- Powered by 2 x AA Industrial Alkaline Batteries (supplied)  
Battery Life of up to 35 hrs in continuous mode w/ 350 Ohm Sensor  
Battery Life of up to 5000 hrs in low power mode w/ 350 Ohm Sensor
- Minimum Bridge Resistance of 85 Ohms
- Continuous RS232 Output  
(9600 Baud, No parity, 8 Data Bits, 1 Stop Bit)
- Keypad Options: Peak/Valley Hold, Gross/Tared, On/Off
- Supports IEEE1451.4 Standard (TEDS Enabled)
- Internally Replaceable 100 kOhm Shunt
- Two Selectable Ranges for Unit Conversions  
Insertable Labels for Engineering Units
- Auto Sleep can be selected for 5 to 99 minutes in  
1 minute increments
- 2 Connectors Included  
GOD02426 -- 5 Pin Male Plug Binder Part Number 09 0113 70 05  
GOD02427 -- 8 Pin Male Plug Binder Part Number 09 0171 25 08
- Weight: 8.8 oz [0.25 Kg]



Binder Part Number  
09 0174 09 08  
Mating Connector  
09 0171 25 08

Binder Part Number  
09 0116 09 05  
Mating Connector  
09 0113 70 05



### ENVIRONMENT:

- Operating Temperature: 14 to 122°F [-10 to 50°C] (Excluding Batteries)
- Storage Temperature: -40 to 149°F [-40 to 65°C] (Excluding Batteries)
- Relative Humidity: 95% maximum non-condensing

### ITEM #'S:

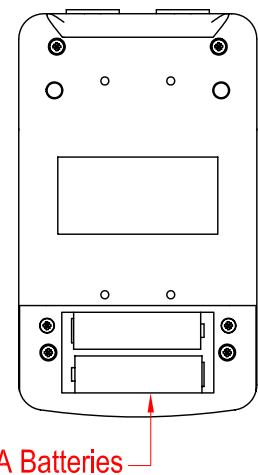
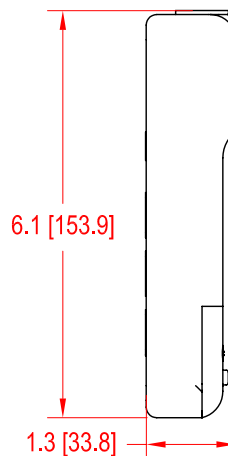
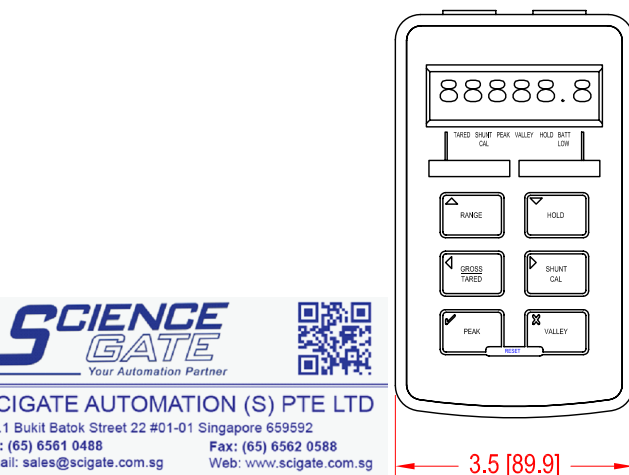
- FSH03076 -- IHH200 Battery Operated Hand Held Digital Display w/ RS232
- FSH03082 -- IHH200 Battery Operated Hand Held Digital Display
- FSH03096 -- RS232 Cable Package 10 ft Long
- GOD02758 -- AA Industrial Alkaline Batteries

RS232 PORT

PIN1 TX  
PIN2 RX  
PIN3 GND

SENSOR

PIN1 +Excitation  
PIN2 -Excitation,  
-TEDS  
PIN3 +Signal  
PIN4 -Signal  
PIN5 +TEDS



SCIGATE AUTOMATION (S) PTE LTD

No. 1 Bukit Batok Street 22 #01-01 Singapore 659592

Tel: (65) 6561 0488

Fax: (65) 6562 0588

Email: sales@scigate.com.sg

Web: www.scigate.com.sg

Business Hours: Monday - Friday 8.30am - 6.15pm

**FUTEK**  
ADVANCED SENSOR TECHNOLOGY, INC.

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CAGE CODE # 1X8M6

10 THOMAS  
IRVINE, CA 92618 USA  
1-800-23-FUTEK (38835)

INTERNET:  
<http://www.futek.com>