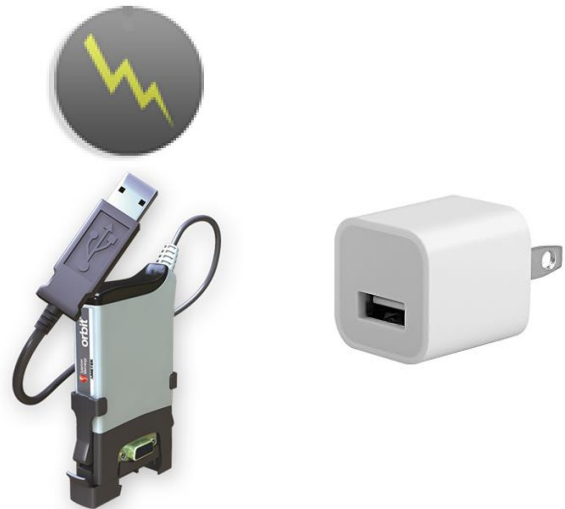
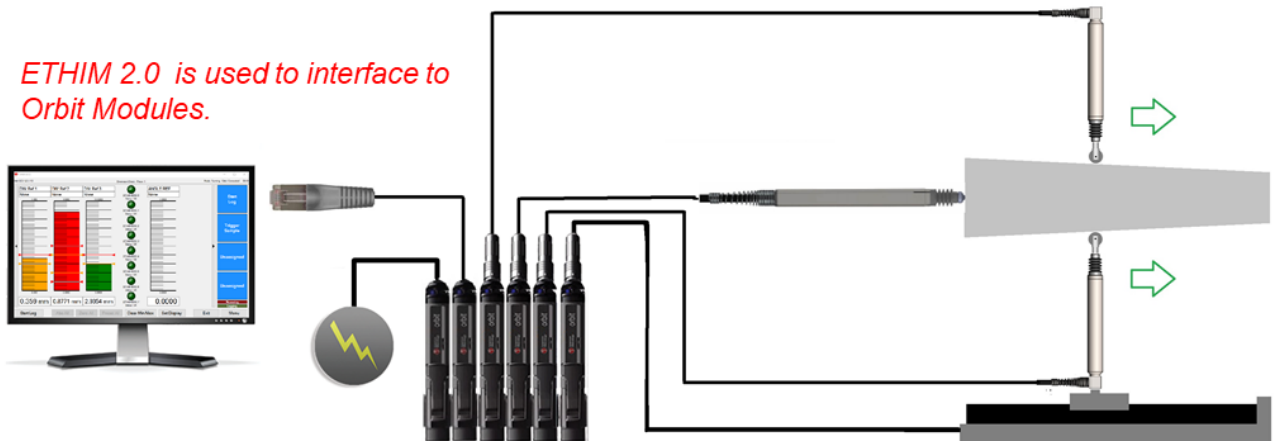


Power Supply Interface Module for USB Port (PSIM Lite)

- **Lower cost** than standard PSIMs
- PSIM Lite plugs into USB port in computer or wall charger
- Powers up to 5 modules
- Powers RS232 IM, Wireless Interface Module and ETHIM
- Use for smaller gauging solutions



ETHIM 2.0 is used to interface to Orbit Modules.



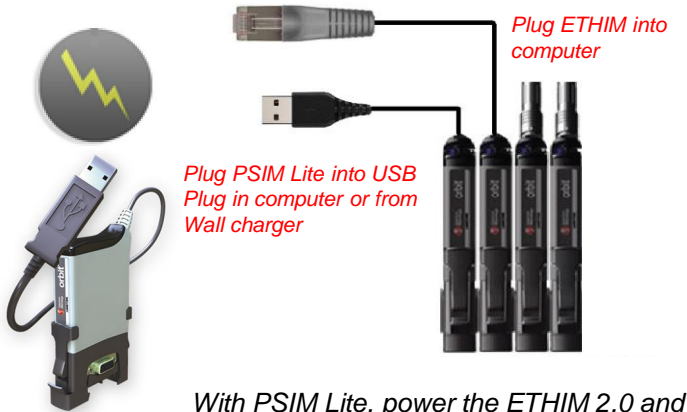
Encoder Interface Module

Gauging application where taper is checked dynamically

PSIM Lite

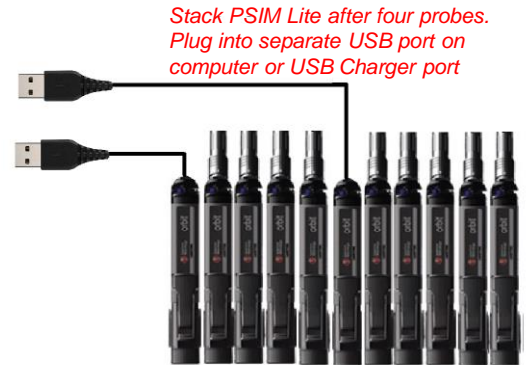
- The lower cost PSIM Lite is for applications where a standard PSIM might be overkill
- Plug into a USB Computer Port or Wall Charger and power up to five modules
- Minimum of 5 Volts from port. (Note, turn off power saver modes if running with laptop)

ETHIM 2.0 and PSIM Lite Example



With PSIM Lite, power the ETHIM 2.0 and TWO additional modules. (Note, you will need additional PSIM to power lasers)

USBIM and PSIM Lite Example



USBIM
Powers up to four probes

The USB Interface Module can power up to four Orbit Modules, and the PSIM Lite can power up to five modules, meaning you can run a gauge with **up to nine sensors**, all from USB power ports

Power Supply Interface Module - Overview

Type of Power Supply Module	Power Input	Number of Orbit Modules Powered	
		Probes, Linear Encoders, Interface Modules, and 3rd party Sensor Modules	Lasers
PSIM Lite	5V from USB Port	5	0
AC PSIM	100 to 240 Volts AC	31	0
AC PSIM/24/5	100 to 240 Volts AC	31	20
Aux AC PSIM/24	101 to 240 Volts AC	0	8
DC PSIM	10 to 30 Volts DC	31	0
DC PSIM/24/5	10 to 30 Volts DC	31	20
Interface modules with power output			
USB Interface Module	5V from USB Port	4	0
Protocol Interface Module	10 to 30 Volts DC	10	8

- Each PSIM includes a T-Connector
- Probes and Modules require 5V of power. Lasers require 24V of Power. PSIM/24/5 powers both types through different pins on Orbit connection
- "Auxiliary AC PSIM/24" will not power Orbit 3 modules. This is to be used in conjunction with a standard PSIM or an Interface Module that can power modules. (USB IM, PIM, or PSIM Lite)
- If Orbit stack has more than 31 modules, you can add PSIM onto end of stack and continue
- AC Power Supplies available with US, UK, European, China, and other style plugs



WorldWide Sales Offices



UK Head Office and Factory

Solartron Metrology
Steyning Way
Bognor Regis
West Sussex
UK, PO22 9ST
Tel: +44 (0) 1243 833333
Fax: +44 (0) 1243 833332
Email: sales.solartronmetrology@ametek.com

France

Ametek SAS
Solartron Metrology Division
Rond point de l'épine des champs
Buroplus Bat D
Elancourt
78990
France
Tel: +33 (0) 1 30 68 89 50
Fax: +33 (0) 1 30 68 89 99
Email: info.solartronmetrology@ametek.fr

Germany

Ametek GmbH
Solartron Metrology Division
Rudolf-Diesel-Strasse 16
40670 Meerbusch
Tel: +49 (0) 2159 9136 500
Fax: +49 (0) 2159 9136 505
Email: vertrieb.solartron@ametek.com

China

Ametek Commercial Enterprise (Shanghai)
Co., Ltd Part A1, A4 2nd Floor
Building No 1, No 526 Fute
3rd Road East
Shanghai
Pilot Free Trade Zone
200131
China
Tel: +86 21 5763 2509
Fax: +86 21 5866 0969 Ext. 261/262
Email: china.solartronmetrology@ametek.com

USA

Solartron Metrology
915 N. New Hope Road, Suite C
Gastonia, NC 28054
Tel: +1 800 873 5838
Email: usasales.solartronmetrology@ametek.com

Japan

Ametek-Japan
Solartron Metrology Division
Tokyo Office
Shiba NBF Tower (1F, 3F)
1-1-30, Shiba Diamon Minato-Ku, Tokyo, Japan
(P.C.105-0012)
Tel: +81 03-4520-6654
Email: Mamoru.hasegawa@ametek.com

Thailand

Ametek - Thailand
Solartron Metrology Division
No. 89/45 Moo. 15 Enterprise park
Bangna-trad road, Bangkaew, Bangplee
Samutprakarn, Thailand, 10540
Tel: +66 2 012 7500
Mobile: +66 92 087 9222
Email: hidenao.tanaka@ametek.com

Solartron Metrology also carries an extensive network of sales agents in all major countries. For a local contact, go to www.solartronmetrology.com/contact or email at sales.solartronmetrology@ametek.com



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