



 FALCON™
HST

Fully Integrated and Connected end-to-end
Home Sleep Testing (HST) solution

AASM
COMPLIANT



**GOLD
STANDARD
SENSOR
SET**

RECHARGEABLE

LITHIUM
BATTERY

**HD
SIGNALS**

**FULL
HD
TOUCH
SCREEN**

WIRELESS

WIFI & BT

LIGHT
WEIGHT
& COMPACT


FULL
INTEGRATION



DOCK CHARGING
& DATA TRANSFER

4 HIGH
SPEED
CHANNELS

 **FULL
HST
SOLUTION**

2 YEAR
WARRANTY
ON HARDWARE



Fully Integrated and Connected end-to-end
Home Sleep Testing (HST) solution

Falcon[™] HST is a fully integrated and connected end-to-end HST solution. The solution is designed for fast and efficient patient self-setup without compromising signal quality. From data recording to study reporting, the Falcon[™] HST is seamless - leveraging Compumedics deep experience and best-of diagnostic technologies.

Falcon[™] HST allows you to focus more on the patient

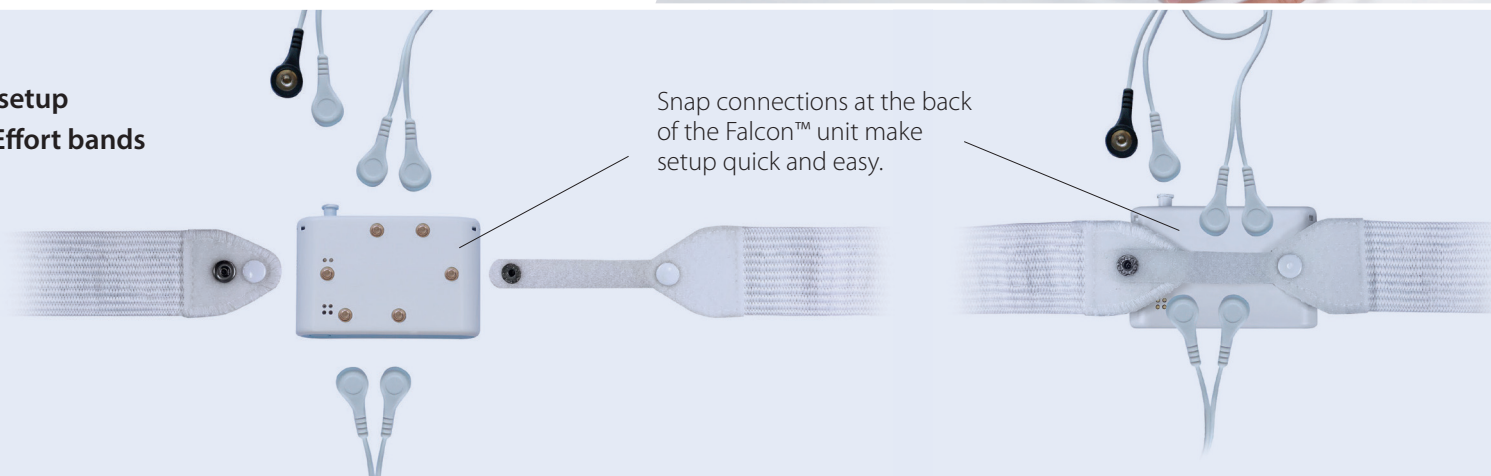
Falcon[™] HST Solution Highlights

- Intuitive and easy patient setup
- Integrated end-to-end HST solution – acquisition, scoring, reporting and treatment
- Fully cloud enabled with integration with **Profusion ProDigi[™]**
- Complete options for sensors including disposable and reusable



**Quick and easy patient setup
using Falcon[™] HST RIP Effort bands
and ECG connections**

Snap connections at the back
of the Falcon[™] unit make
setup quick and easy.



Light, compact and full featured HST solution



Three High-Speed Channels

- EEG, EOG or EMG
- Two bi-polar with 1.5mm touch proof for a variety of uses
- 256 sps, 24 bits, DC coupled

Airflow /AUX Channel

- Thermal airflow other AUX signal, or EMG
- 256 sps, 24 bits, DC coupled

Pressure Based Airflow Channel

- Male cannula
- Pressure range can be used for airflow, CPAP or oesophageal pressure
- 512 sps, +/- 70cm H2O

Integrated Wifi 802.11

a/b/g/n

Integrated Bluetooth 5.2

Small and Lightweight

Pictured actual size
80mm x 52mm
3.125 x 2 inches

Integrated Full Colour High Resolution Capacitive Touch Screen

For intuitive interface

Integrated 2GB Storage for Studies

High Resolution & Quality Signal Capabilities

Rechargeable Lithium Ion Integrated Battery

> 15 hours

Sound Microphone

Docking station for charging and data transfer



Power Button



Charging Dock Connection

- Magnetic connection to ensure proper alignment for charging every time

Product is pictured actual size

High Speed ECG Channel with Snap to Snap Leads

- Two bi-polar with 1.5mm touch proof for a variety of uses
- 256 sps, 24 bits, DC coupled

Thoracic Inductive Plethysmography Belt

- Dedicated disposable or reusable inductive band attach directly to the unit
- 64 sps, 24 bits

Abdominal Inductive Plethysmography Belt

- Dedicated disposable or reusable inductive band
- Lower band mounts to a short cable from the unit with two snaps
- 64 sps, 24 bits

Integrated Position and Accelerometer

- Three axis accelerometer providing position & movement signals
- 64 sps, 24 bits

2 YEAR
WARRANTY
ON HARDWARE



SOFTWARE



Profusion Sleep™ HST edition software

Software for setup, scoring and reporting, designed and enhanced for the Falcon™ HST. Each Falcon™ device comes with a **Profusion Sleep™ HST edition licence**.



Upgrade to **Profusion ProDigi™** for full web analysis integration. Profusion ProDigi™ delivers efficiency in physician review and reporting of home based studies anywhere and on a variety of platforms including mobile phones, tablets and computers.



Full complement of Reusable and Disposable HST Sensors and Sensor Kits.

Gold Standard sensor technology as recommended by AASM.

Falcon™ HST Solution includes:

- Falcon™ HST device
- Falcon™ carry case
- Docking station for charging & data transfer
- Charging cable USB
- Falcon™ HST lead Kit
- Five x Falcon™ HST disposable kits
- Wireless Bluetooth Oximeter
- RIP inductive effort bands
- Profusion PSG 5 Falcon™ HST Edition Software Pack
- Two-year device warranty



All specifications are subject to change without notice. Please contact your Compumedics representative for latest technical information, pricing and product availability. Compumedics Falcon, Compumedics Profusion Nexus 360, Compumedics Sleep, are all trademarks of Compumedics. COMPUMEDICS and the Compumedics logo are registered trademarks of Compumedics.



TGA cleared.
Product pending FDA clearance.



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