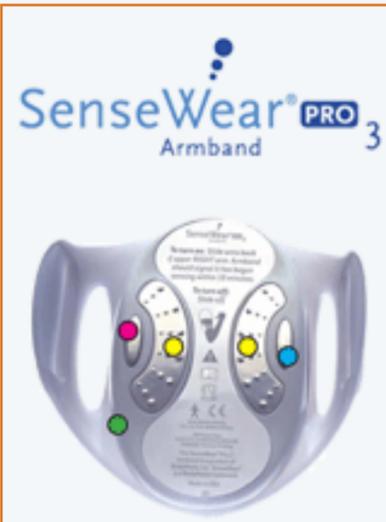


產品介紹 >> SenseWear - SenseWear Pro3 Armband

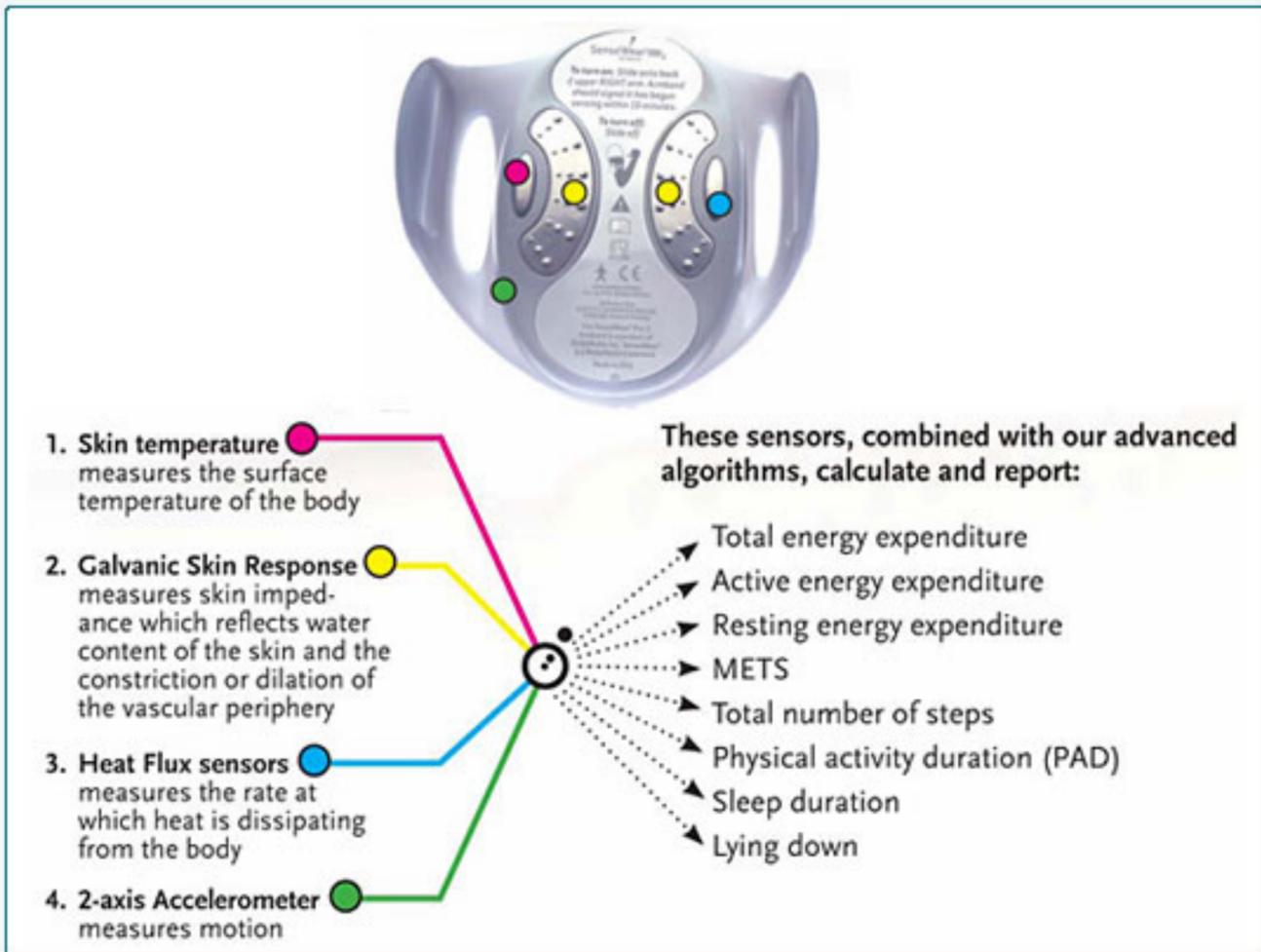


SenseWear

SenseWear Pro3 Armband

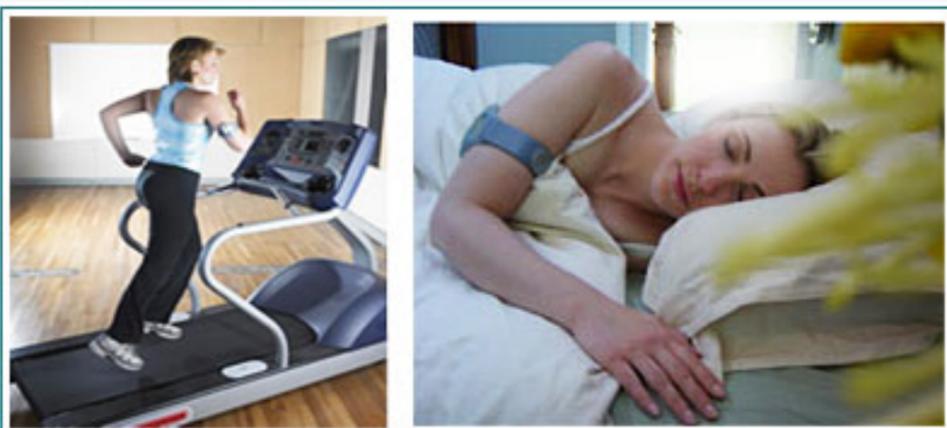
The Bodymedia© SenseWear Pro3 Armband is a multi sensor body monitor, weighing only 80g , which is worn on the tricep of the right arm. This extremely comfortable position does not obstruct normal life activities and allows continuous recording of physiological signals from the body such as skin temperature, dissipated heat from the body (heat flux), galvanic skin response and movement.

SenseWear®Pro3 Armband: Multi-sensor innovation



A recent independent study compared the armband to a \$40,000 "portable oxygen analyzer", the gold standard for measuring calories. Results showed energy expenditure accuracy levels over 90%. Source: British Journal of Sports Medicine. July 2008.

The SenseWear Pro3 Armband can continuously record data from 10 minutes up to 2 weeks. This is saved into the internal memory for subsequent downloading to a PC. Exclusive specific algorithms are used to accurately determine Total Energy Expenditure (TEE). Periods of physical activity are identified and quantified, while measuring the number of steps, movement, sleep and wake periods in "free living" conditions.



產品列表

- ▶ Moor Instruments
- ▶ Cheetah Medical
- ▶ Rheo SCAN
- ▶ Artinis Medical
- ▶ Prizm Medical
- ▶ SenseWear
- ▶ Dantest Professional
- ▶ Forma System
- ▶ TEA System

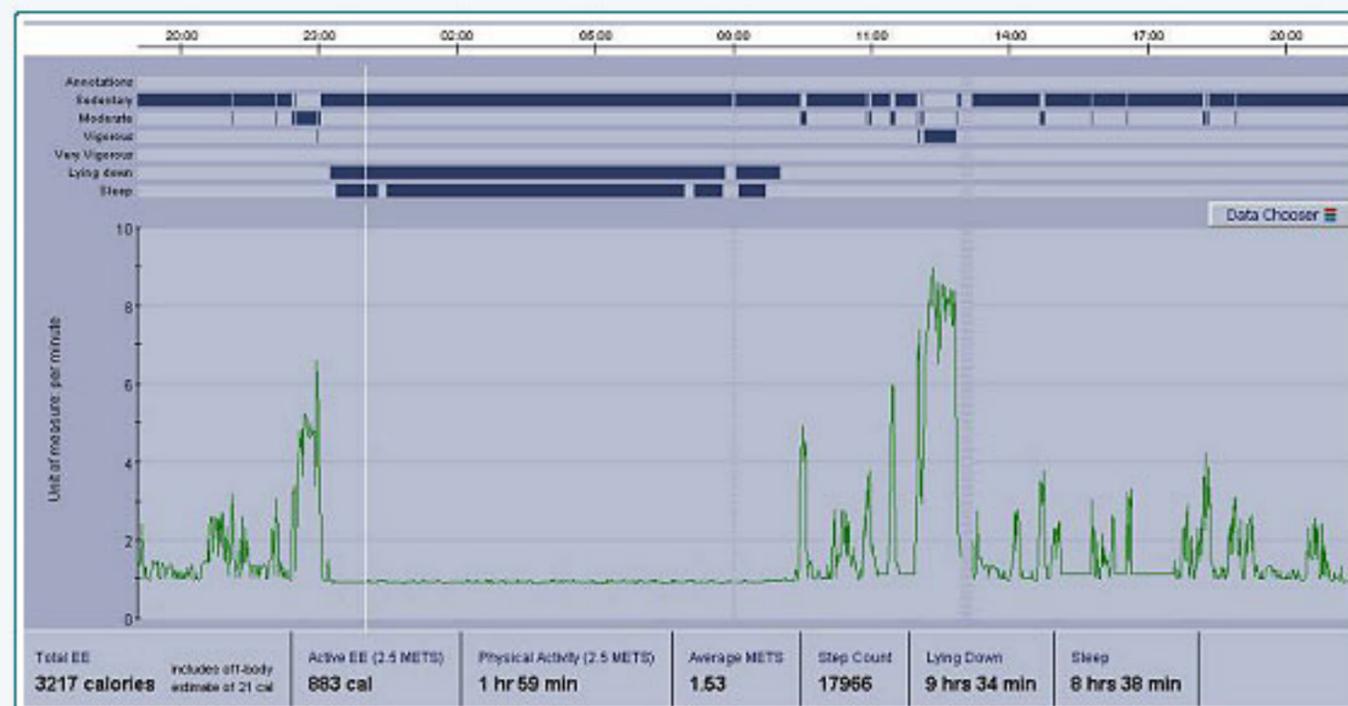
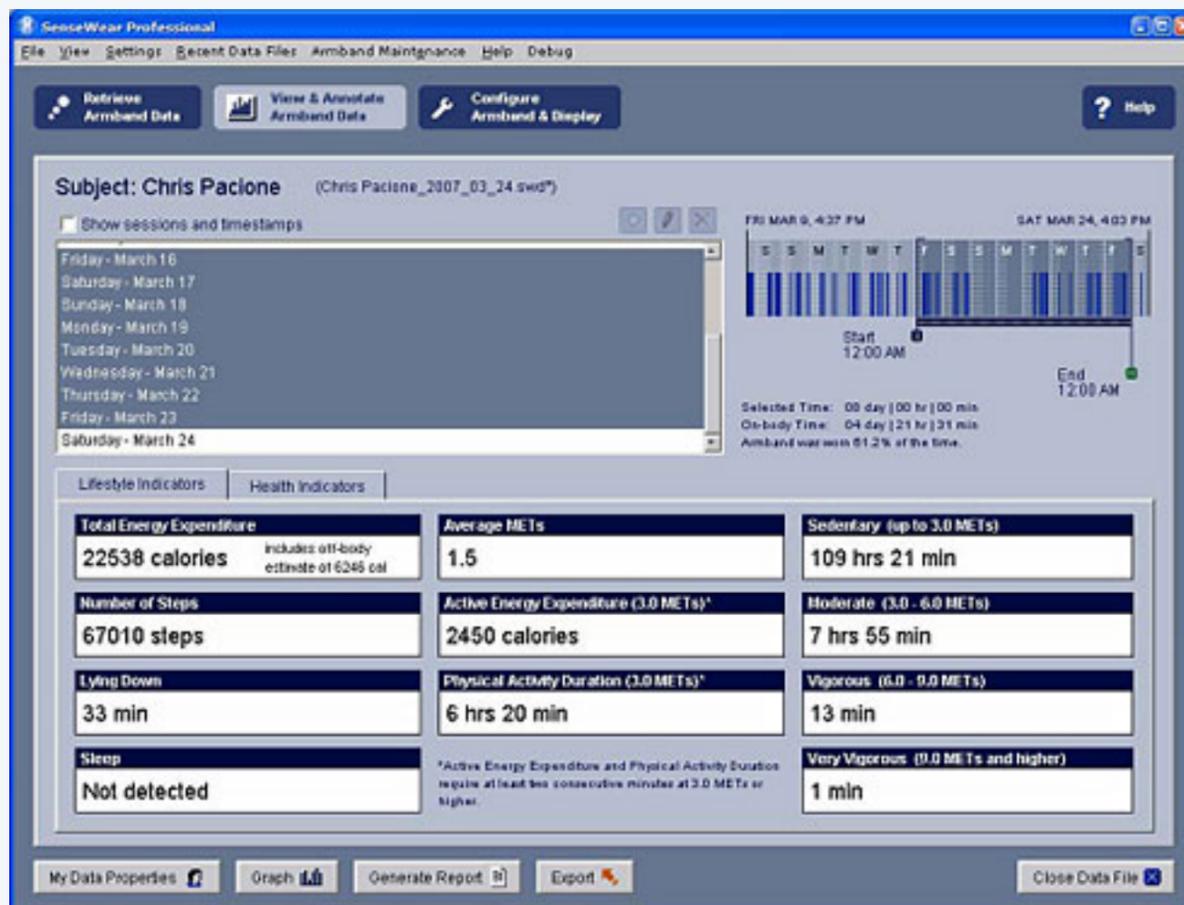
The SenseWear Pro3 Armband can measure and quantify the levels and duration of real metabolic physical activity, steps, sleep, and lifestyle. It is a true revolution in the continuous monitoring from the clinical setting to the patient's home, work or school environment.

The SenseWear Pro3 Armband is indispensable for daily Total Energy Expenditure (TEE) recordings in any setting, of any subject or patient, for short and long periods. It is ideal for use in departments of Nutrition, Diabetology, Endocrinology, Metabolic Diseases, Paediatrics, as well as Wellness Centres, Health and Fitness clubs, Sports Medicine etc.

It is also widely used in Pulmonary and Respiratory Care departments, Cardiology, Geriatrics and Gerontology, Internal Medicine, Neurology, Occupational Medicine, Rehabilitation and Research applications. In fact anywhere it is required to track and monitor movement, physical activity, lifestyle, quality of life, behaviour, stress etc.

The InnerView software, which is supplied with the Armband, allows data transfer via the USB port, viewing of the results, and basic reporting options. The optional advanced programme, InnerView Pro provides the user with additional reporting and export functions.

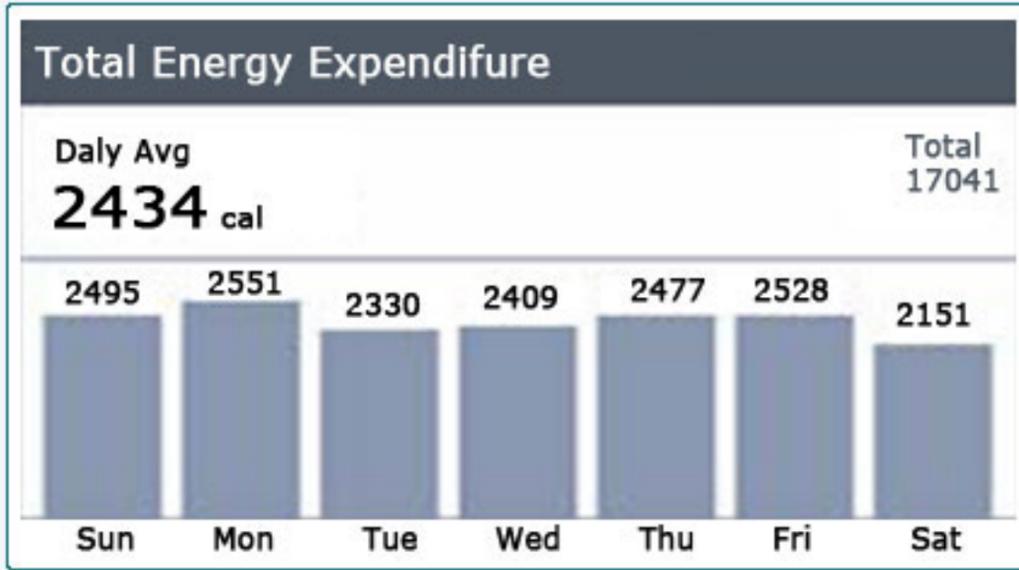
SenseWear®Pro Software, Graphing



Features

- Total energy expenditure
- Number of steps
- Lying down (duration)
- Sleep (duration)
- Average METs
- Active energy expenditure
- Physical activity duration
- Sedentary (0 - 3 METs)

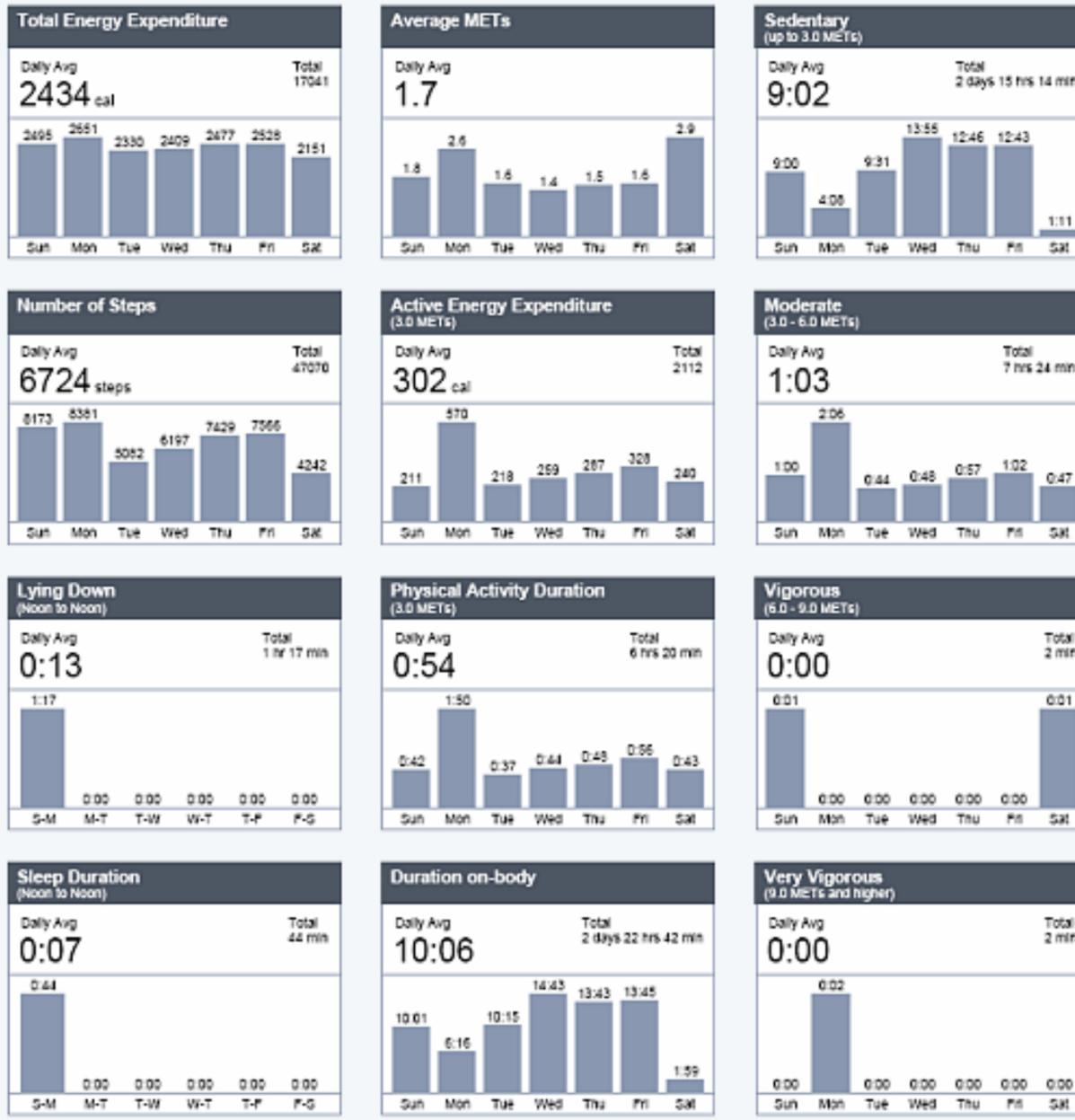
- Moderate activity (3 –6 METS)
- Vigorous activity (6 –9 METS)
- Very vigorous activity (> 9 METS)



Clinician / Physician	Hospital / Organization	Practice / Department
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Subject JF	Age 37	Gender Male	Weight 175.0 lbs	Height 5' 8"	Handed Right	Smoker No	BMI 26.53
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Start Time Sun Jul 3, 2005 12:00 AM	End Time Sun Jul 10, 2005 12:00 AM	Duration of View 7 days	Duration on-body 2 days 22 hrs 42 min (42.1%)
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Microsoft Excel - Chris Passmore_2007_03_24.xls

Type a question for help

File Edit View Insert Format Tools Data Window Help WebEx

100%

Arial

	D	E	F	G	H	I	J	K	L	M	N	O
1	Percent Onbody	Total EE	Measured EE	Offbody EE	Measured Active EE	Physical Activity Duration	Steps	Lying Down	Measured Sleep	Average METs	Sedentary	Moderate
2	74.7%	2065	2385	518	351	8.57	8559	8.00	0.00	1.44	16.43	1.10
3	56.7%	2096	2113	883	542	1.29	12884	8.00	0.00	1.68	15.48	1.43
4	47.4%	2645	1687	1858	173	8.25	5178	8.00	0.00	1.62	10.44	8.34
5	84.4%	2585	1870	715	32	8.08	5722	8.00	0.00	1.38	15.73	8.14
6	82.2%	3066	2295	761	536	1.18	93047	8.33	0.00	1.66	13.38	1.17
7	83.5%	2008	2284	734	462	1.12	9689	8.00	0.00	1.55	13.44	1.31
8	55.9%	2782	1889	894	170	8.29	7685	8.00	0.00	1.46	12.30	8.49
9	85.7%	2689	1999	698	396	8.31	7485	8.00	0.00	1.36	15.81	8.44
10	81.2%	2258	16292	6246	2459	8.28	87018	8.33	0.00	1.49	106.21	7.55
11												
12												
13	3.0											
14	6.0											
15	9.0											
16	and up											
17												
18												
19												
20												
21												

Summary / Circuits / Blood/Glucose / Blood/Pressure / Weight /

MSI

[↑ top](#)