Get a Whiff of this...

SMT Sniff Magnitude Testing
For the clinical evaluation of olfaction in a wide variety of patients.

Anosmia and hyposmia have been noted as early symptoms of AD and idiopathic PD.

The SMT Device
- Places minimal dependence on language, cognitive ability, memory, and odor naming ability.
- Differentiates between deficits caused by a loss of primary sensory input and those caused by higher-order processing associated with troposmia, phantosmia, and olfactory agnosia.
- Is not affected by deficits in memory or attention in older adults.
- Provides a quantified measure of olfactory function.

TESTING IS: RAPID | INEXPENSIVE | RELIABLE | SIMPLE
**Computer Specifications**

- > 1.2Ghz processor running Microsoft Windows XP
- > 256Mb RAM Memory
- > 10Gb Hard Disk (Storage)
- CD-ROM Drive
- Screen Resolution 1024 x 768 /64K color
- 1 Serial communication port (RS232) or USB adaptor
- 1 USB Port
- Internet Explorer 5.0+
- Laser or Inkjet Printer
- WR Testworks Software with SMT License

**Canister Specifications**

- Canister #1 = NULL (5ml unscented mineral oil)
- Canister #2 = Methyl thiobutyrate 3% (5ml of 3% saturated mineral oil), CAS# 2432-51-1
- Canister #3 = Ethyl 3-mercaptoproprionate 3% (5ml of 3% saturated mineral oil), CAS# 5466-06-8
- Canister #4 = Isoamyl acetate 3% (5ml of 3% saturated mineral oil), CAS# 123-92-2

**Control Unit Specifications**

- Power Input 100-240Vac ~ 0.8a-0.4a ~ 47-63Hz (Wall Transformer)
- Power Output 24Vdc ~ 1.24A (Wall Transformer)
- Communication ~ RS232
- IXPO ~ Liquid Ingress (Ordinary)
- Cannula Connection - Airlife™ #001310 or equivalent

**Quality and Safety**

ISO 9001:2000
ISO 13485:2003

**Indications for use:**

- The SMT (Sniff Magnitude Device) is only intended to determine whether an olfactory loss is present. Not intended for the diagnosis of any particular or specific disease

**Contraindications:**

- None.

**Warnings and Cautions:**

- **Warnings:** None.
- **Cautions:**
  - This device is restricted to sale by or on the order of a physician.
  - This device is to be serviced only by WR Medical Electronics Co. If servicing is done by any party other than WR Medical Electronics Co., the product warranty and/or safety or quality certifications could be invalid. Contact the factory for repair advice before attempting to repair.

**References:**

Publications and Manuscripts submitted:


Dulay MF, Frank RA Assessment the influence of and cognitive processing speed on three tests of olfaction.

Abstracts of Sniff Magnitude Testing:

**Poster and meeting presentations:**


For more information on this product, please contact:

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