

Sip/Puff Switch with Headset



- Comfortable and adjustable head frame
- Zero-power, no batteries or power cords
- Integrated “sip” and “puff” pressure switches
- Replaceable mouth tubes
- Separate output jacks for sip and puff switch actions
- 100% hygienic, RoHS compliant and latex free
- Excellent companion to HeadMouse products

The Sip/Puff Switch is ideal for people with severe physical impairments who are accessing the HeadMouse[®] Extreme or other mouse emulators, environmental control systems, communication devices, adapted toys, software and emergency call systems.

The Origin Instruments Sip/Puff Switch is a head mounted accessory used to actuate a two position switch by a simple sip or puff. It consists of a head frame with attached mouth tube and a switch box connected to the head frame by a second plastic tube. Inside the switch box is where sips and puffs are converted to electrical switch closures. These switch events are made available on two connectors labeled “Sip” and “Puff”.

Comfortably holding the supple mouth tube is a padded head frame that slips over the ears and behind the neck. The replaceable mouth tube is held next to the mouth with an integral stainless steel forming wire. In addition to bending the plastic mouth tube and wire they can be cut to adapt to individual users. A second pliable tube runs from the head frame to the switch box where it attaches with a simple twist connector.

The switch box contains the pneumatic devices that convert sips and puffs to electrical switch closures. These switch events are accessed from the 1/8” (3.5-mm) microphone connectors on the end panel. The cables are included for connection to low current and voltage electronic devices. Assistants can activate the device using the two built-in membrane switches conveniently located on the label.

Package Includes:

- Padded head frame with attached mouth tube
- 6-foot (1.8-meter) head frame tube with pneumatic connector
- Switch box with integrated “sip” and “puff” pressure switches
- Three 5-foot (1.5-meter) switch cables with 1/8” (3.5-mm) male microphone connectors
- Three replacement mouth tubes with integral stainless steel forming wire
- Instruction sheet

Specifications:

- | | |
|--------------------------|--|
| • Switch box size | 5.5 x 2.6 x 1.1 inches (140x64x26-mm) |
| • Mouth tube length | 6-inches (150-mm) with 6-inch stainless steel forming wire |
| • Head frame tube length | 6-feet (1.8-meters) |
| • Padded head frame | Adjustable to accommodate head size and shape |
| • Electrical connectors | 1/8” (3.5-mm) female microphone connectors |
| • Electrical cables | 5-feet (1.5-meter) long terminated with 1/8” (3.5-mm) male microphone connectors |
| • Switch voltage | AC/DC – 30 volts or less with resistive load |
| • Switch current | 40 milliamp, resistive (for life in excess of 20 million cycles) |
| • Actuation pressure | 3 to 4 inches water column (approx. 1/10 PSI) |
| • Burst pressure | 8 PSI |
| • Power | Passive, no power required |



Origin Instruments Corporation
854 Greenview Drive
Grand Prairie, Texas 75050-2438
USA
Voice: 972-606-8740
FAX: 972-606-8741

Email: support@orin.com or marketing@orin.com Web: www.orin.com Shop: <http://shop.orin.com>