# HONEYWELL HANDHELD PUMP

## Remote Sampling with Enhanced Flexibility

**The Honeywell Handheld Pump is designed to support spot checks and remote gas sampling when used with portable diffusion gas monitors.**

It allows users to switch between diffusion and pumped operation using an existing flow adaptor, helping teams adapt to requirements without changing core equipment. This approach supports consistent gas monitoring across a range of industrial applications.

### DESIGNED FOR EVERYDAY INDUSTRIAL ENVIRONMENTS

Lightweight and durable, the Handheld Pump is intended for routine use in working environments. A single fast charge supports extended operation of up to 24 hours, helping maintain equipment availability during a shift. The pump is compatible with common gases such as oxygen, carbon monoxide, hydrogen sulfide, flammable gases, and exotic gases when appropriate tubing and accessories are used.

The clip-on, in-line design, enables straightforward attachment to compatible Honeywell gas detectors, including single and multi-gas monitors, allowing users to perform intermittent spot checks, clearing, and extended sampling with the same monitoring platform.

## FEATURES AND BENEFITS

### STRAIGHTFORWARD OPERATION

Single-button on/off and reset operation with clear visual and audible status indicators supports intuitive operation and streamlined user training. A single charge gives up to 24 hours of operation for increased availability when needed.

### SIMPLE OPERATIONAL CHANGES

The snap-on flow adaptor and quick-connect fittings support rapid transitions between diffusion and pumped sampling and allow probes or tubing to be changed as sampling needs evolve.

### IMPROVED REMOTE SAMPLING

Supports remote sampling using hard probes or flexible tubing for spot checks and intermittent monitoring. Supports use with standard and exotic gases, sampling distances up to 45 m (147 ft), and a nominal flow rate of 450 ± 50 cc/min. Optional PU or PTFE-lined tubing is available.

### COMPATIBILE WITH EXISTING EQUIPMENT

Designed to work with Honeywell portable diffusion gas monitors, helping extend remote sampling capability across an existing detector fleet without replacing instruments.

### DESIGNED FOR ROUTINE MAINTENANCE

The design includes replaceable built-in filters and quick-access components to support faster field maintenance.

### CERTIFIED FOR HAZARDOUS LOCATIONS

Certified for use in explosive atmospheres in accordance with regional approvals, including ATEX, IECEx, UL, and CSA, supporting deployment across multiple regions and industries.

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# OVERVIEW

The Honeywell Handheld Pump enables users of compatible portable diffusion gas monitors to add remote sampling capability across an existing detector fleet. Designed as a lightweight accessory, it supports spot checks, clearing, and extended sampling applications when used with Honeywell multi-gas monitors commonly deployed in industrial environments.

The handheld pump uses the standard flow adaptor already supplied with compatible instruments such as the BW Flex 4, BW Clip 4, or BW Solo. The pump replaces hand-aspirated and drop lines for faster, safer, and more reliable sampling using gas monitors.

An included mounting bracket supports single-handed or two-handed operation, as well as left or right-handed use. Single-button operation and clear visual status indicators for power, flow fault, and system status support consistent operation and streamlined user training.

The pump can be used with detectors monitoring standard and exotic gases. Accessories can be exchanged using standard quick connect fittings compatible with industry standard tubing. Each unit includes a short, hard probe, spare coarse dust and fine water impermeable filters for the built-in filtration system, sampling tube quick coupling fittings, and basic operating instructions. Additional probes, extended tubing, and inline or end-of-line accessories are available separately based on application requirements.

The modular design enables routine field maintenance, with captive screws for the bracket and filter cover and quick-connect tube fittings included.

*Honeywell BW™ Flex 4*

*Honeywell Flex 5 Series*

*BW Clip 4*

*BW Solo*

# HONEYWELL HANDHELD PUMP

| TECHNICAL SPECIFICATIONS | |
|---|---|
| **CHARACTERISTIC** | **PARAMETER** |
| **Part Number** | **CPD-HHP:** Single Unit<br>**CPD-HHP-30:** Carton of 30 Units<br>Bulk Quantities available upon request |
| **Standard Supply** | Handheld pump, detector mounting bracket, short hard probe 220 mm (9 in)[1], set spare filters (coarse/water), USB-A charger, quick start guide and packaging* |
| **Size** | **Packaged:** 230 mm x 115 mm x 46 mm (9 in x 4.5 in x 1.8 in)<br>**Handheld Pump:** 53 mm x 36 mm x 160 mm (2.1 in x 1.4 in x 6.3 in) |
| **Weight** | **Packaged:** 357 g (0.8 lbs)<br>**Handheld Pump Only:** 209 g (0.46 lbs) |
| **Temperature** | **Certified:** -20° C to +60° C (-4° F to 140° F)<br>**Operational:** Dependent on detector specifications |
| **Ingress Protection** | IP66/68 (not recommended for condensing atmospheres)<br>Heavy weather conditions, recovery from immersion |
| **Sample Tubing** | **Internal diameter:** 3.0 mm to 4.5 mm (1/8 in. to 3/16 in)<br>**External diameter:** Nominally 6 mm (1/4 in) PU or similar for standard gases, PTFE lined for exotic gases |
| **Flow Characteristics** | 450±50 cc/min<br>Low flow/fail 375±25 cc/min |
| **Operation and Alarms** | Single push button on/off, acknowledge fault, reset fault<br>**Status LED:**<br>Green - all OK, Red with audible alarm - low flow/fault<br>**Power LED:** Off - all OK, Amber - recharge, Green - charged<br>**Audible:** 95dB at 30 cm |
| **Battery Operation** | **Run time:** in excess 24 hours[2] (tested as new at 20° C)<br>**Re-chargeable LiPo:** 4-6 hours fast charge |
| **Certification and Approvals** (Pending) | **Europe (ATEX):** EEx ia IIC T4 Ga, Zone 0, 1, and 2<br>**North Americas (UL/CSA):**<br>Class 1, Division 1 and 2, Ex ia IIC T4 Ga<br>**ROW (IECEX):** Ex ia IIC T4 Ga, Zone 0, 1, and 2 |

(1) Not suitable for exotic gases.

(2) Runtime may be reduced due to age, low temperature, sample line length

* Flexible tubing is ordered separately. Tubing material selection (polyurethane or PTFE lined) depends on the intended application and gas type.

| OTHER ACCESSORIES* | |
|---|---|
| **DESCRIPTION** | **PART NUMBER** |
| **Collapsible Probe** | GA-CPROB1 (1m), GA-CPROB2 (1.8m) |
| **Tubing (incl. connectors/filters)** | HOSE1-10/20/65 (PU), HOSE2-10/20/65 (PTFE) |
| **Ball Float** | GA-FLOAT |
| **Weighted Sintered Filter** | GA-MFILTER |
| **Deluxe Hard Probe** | GA-PROB1-1 |
| **Quick Connect Coupling** | CPD-HHP-QC2M (2 pack) |
| **Water Trap (Barbed)** | WT-2 |

*Not suitable for all gases. Contact Honeywell for more information.

HOSE1-10/20/65

*GA-FLOAT*

*GA-MFILTER*

*GA-CPROB1*

*CPD-HHP-QC2M*

*WT-2*

**Industrial Measurement and Control**
2101 CityWest Blvd
Houston, TX 77042
www.honeywell.com

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THE FUTURE IS WHAT WE MAKE IT

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# Services d'EURO-INDEX

**EURO-INDEX est le fabricant de la gamme LIGNE BLEUE et l' importateur/distributeur de diverses marques A d'instruments de test et de mesure. Nous proposons également un large éventail de services visant à optimiser l'utilisation de ces instruments dans le cadre de vos activités. Cela comprend la maintenance, la réparation et l'étalonnage des instruments, mais aussi le partage de connaissances via l'EURO-INDEX Academy et la location d'instruments.**

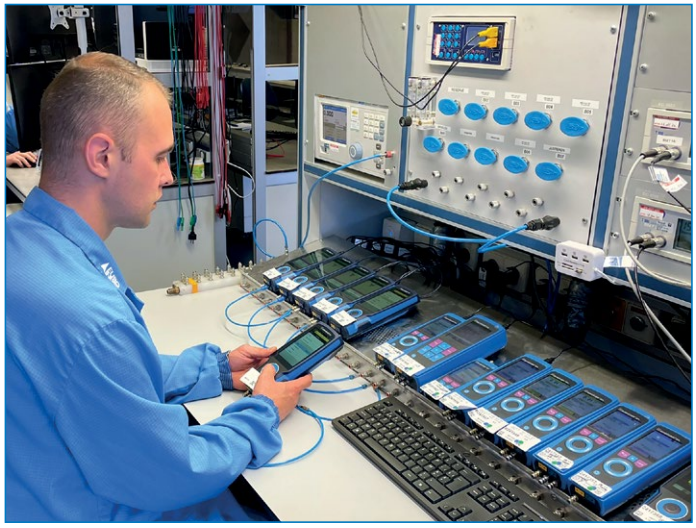
### Centre de Service Agréé

EURO-INDEX est un Centre de Service Agréé pour la plupart des marques de sa gamme. Cela signifie que vos instruments sont pris en charge par des techniciens formés par le fabricant et disposant des outils et logiciels adéquats. Seules des pièces d'origine sont utilisées et la garantie de votre instrument, ainsi que les certifications (ATEX, EN50379, etc.) restent intactes.

### Laboratoire d'étalonnage

Notre laboratoire de service et d'étalonnage est accrédité BELAC conformément à la norme EN-ISO/IEC 17025. L'accréditation s'applique aux grandeurs et aux plages de mesure mentionnées dans l'annexe certifiée portant le numéro de certificat 760-CAL.

Plus d'infos



### MQS®

MQS® est une formule d'étalonnage pour vos instruments de test et de mesure, comprenant un entretien et un étalonnage périodiques à un coût fixe et avantageux.Vos certificats d'étalonnage sont disponibles au format numérique via Mon MQS (portail web et application gratuits) et en scannant le code QR sur l'autocollant d'étalonnage de l'instrument.

Plus d'infos

### Location d'instruments de mesure

Il existe plusieurs situations dans lesquelles la location est pratique :

- Vous avez temporairement besoin d'appareils supplémentaires.
- Votre propre instrument de mesure est en cours d'entretien et/ou d'étalonnage.
- Vous devez effectuer une mesure occasionnelle.

Plus d'infos

### EURO-INDEX Academy

- Formations, sessions d'informations et workshops
- Vidéos de démonstration et d'instruction
- Notes d'application

Plus d'infos

Comptoir de service

Entretien, réparation et calibrage

Formations et seminars

Laboratoire d'étalonnage

Sous réserve de modifications EURO-INDEX® FR 26001


EURO INDEX

BELGIQUE
Chaussée de Louvain 607
1930 Zaventem
T: 02 - 757 92 44

sales@euro-index.be
www.euro-index.be

PAYS-BAS
Rivium 2e straat 12
2909 LG Capelle a/d IJssel
T: +31 - (0)10 - 2 888 000

verkoop@euro-index.nl
www.euro-index.nl


CERTIFICATION DE SYSTÈME QUALITÉ DNV ISO 9001