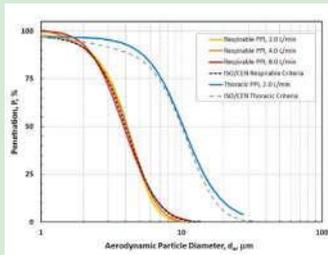
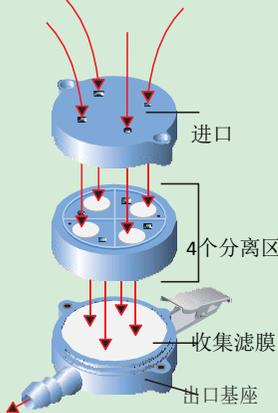


# 可呼吸性/可入胸腔粉尘采样器

## 并行粒子 采样器 (PPIs)

### PPI优势

- **Patented PPI four-impactor design** 提供与整个ISO7708 /CEN 曲线更接近的匹配 (请参见下面的PPI和标准的图形比较)。



- **Handy calibration adapter** 适配校准器



- **No tipping hazard!** 反转PPI, 而不会导致大颗粒使过滤器样品无效。



## 并行粒子采样器 (PPI)

列入OSHA 硅曲线标准

采集效率精确匹配 ISO 7708/CEN标准中采样的OSHA 二氧化硅规则

有三种不同流量模式对应不同的采样要求

- 2 and 4 L/min models 用于TWA采样
- 8 L/min model 以进行短期采样

有两种采样器可供选择

- **Reusable** 导电铝
- **Disposable** 防静电塑料, 专为一次性使用而设计



一次性PPI 特点

- **Preloaded** 带SKC过滤膜
- **Empty** 用于由实验室或用户装载过滤器
- **All disposable PPI Samplers** 在入口部分预装了预涂油的冲击基材

PPI采样器性能发表在物理学杂志上, 符合 OSHA 最终二氧化硅采样曲线e

可吸入胸腔粉尘模型是金属加工取样的理想选择

(NOISH 5524 和TLV) 棉尘, 重金属粉尘, 如钻, 碳化钨等等



|      |                               |
|------|-------------------------------|
| 采样时间 | 选择PPI 型号, 联系实验室 确定采样时长        |
| 采样流量 | 2, 4, 8 L./min                |
| 采样泵  | AC TOUCH 系列<br>Leland legacy泵 |
| 采样媒介 | 37毫米滤膜和支持垫                    |
| 连接管  | 1/4 英寸连接管                     |

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## 并行粒子采样器 (PPI)

可靠的一次性塑料/铝制重复使用

### 预装一次性塑料PPI采样器

| Description                                                                                                                                                        | Cat. No.    | Qty. |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------|
| <b>Preloaded Disposable PPI Samplers**</b> contain four porous plastic disc impaction substrates, one 37-mm cellulose support, and one collection filter as noted. |             |      |
| Respirable PPI (red), 8 L/min, plastic, with 5.0- $\mu$ m PVC filter                                                                                               | 225-3841    | ea   |
| Respirable PPI (orange), 4 L/min, plastic, with 5.0- $\mu$ m PVC filter                                                                                            | 225-3871    | ea   |
| Respirable PPI (gold), 2 L/min, plastic, with 5.0- $\mu$ m PVC filter                                                                                              | 225-3851    | ea   |
| Thoracic PPI (blue), 2 L/min, plastic, with 0.8- $\mu$ m MCE filter                                                                                                | 225-3861    | ea   |
| <b>With Preweighed Filter</b>                                                                                                                                      |             |      |
| Respirable PPI (red), 8 L/min, plastic, 5.0- $\mu$ m PVC filter preweighed to 5 decimals                                                                           | 225-3841-PW | ea   |
| Respirable PPI (orange), 4 L/min, plastic, 5.0- $\mu$ m PVC filter preweighed to 5 decimals                                                                        | 225-3871-PW | ea   |
| Respirable PPI (gold), 2 L/min, plastic, 5.0- $\mu$ m PVC filter preweighed to 5 decimals                                                                          | 225-3851-PW | ea   |

### 用户自装 一次性PPI 采样器:

| Description                                                                                                                                                                                             | Cat. No.            | Qty.     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------|
| <b>User-loaded Disposable PPI Samplers**</b> contain four porous plastic disc impaction substrates, <i>require collection filter and support; see information below and select based on application</i> |                     |          |
| Respirable PPI (red), 8 L/min, plastic                                                                               | 225-384             | ea       |
| Respirable PPI (orange), 4 L/min, plastic                                                                            | 225-387             | ea       |
| Respirable PPI (gold), 2 L/min, plastic                                                                              | 225-385             | ea       |
| Thoracic PPI (blue), 2 L/min, plastic                                                                                | 225-385A<br>225-386 | 25<br>ea |
| <b>Filters for User-loaded PPI Samplers</b>                                                                                                                                                             |                     |          |
| PVC Filters, 37 mm, 5.0- $\mu$ m pore size                                                                                                                                                              | 225-5-37            | 100      |
| PTFE Filters,* 37 mm, 2.0- $\mu$ m pore size for metalworking fluids (NIOSH 5524)                                                                                                                       | 225-27-07           | 50       |
| MCE Filters, 37 mm, 0.8- $\mu$ m pore size                                                                                                                                                              | 225-5               | 100      |
| <b>Filter Supports for User-loaded PPI Samplers</b>                                                                                                                                                     |                     |          |
| Support Pads, cellulose, 37 mm                                                                                                                                                                          | 225-27              | 100      |
| Stainless Steel Screen, 37 mm, wide mesh                                                                                                                                                                | 225-26              | ea       |

\* Back pressure on PTFE filters can vary within the same lot.

\*\* Designed for one-time use

### 可重复铝制PPI 采样器

| Description                                                                                                                    | Cat. No. | Qty. |
|--------------------------------------------------------------------------------------------------------------------------------|----------|------|
| <b>Reusable PPI Samplers</b> , <i>require substrates, filters, and supports</i>                                                |          |      |
| Respirable PPI (red), 8 L/min, aluminum     | 225-383  | ea   |
| Respirable PPI (orange), 4 L/min, aluminum  | 225-382  | ea   |
| Respirable PPI (gold), 2 L/min, aluminum    | 225-380  | ea   |
| Thoracic PPI (blue), 2 L/min, aluminum      | 225-381  | ea   |
| <b>Impaction Substrates</b> , <i>four required for each sample for Reusable Aluminum PPI models</i>                            |          |      |
| Porous Plastic Discs, 9.53-mm (3/8-inch) diameter, pre-oiled, ready to use, disposable                                         | 225-388  | 200  |

