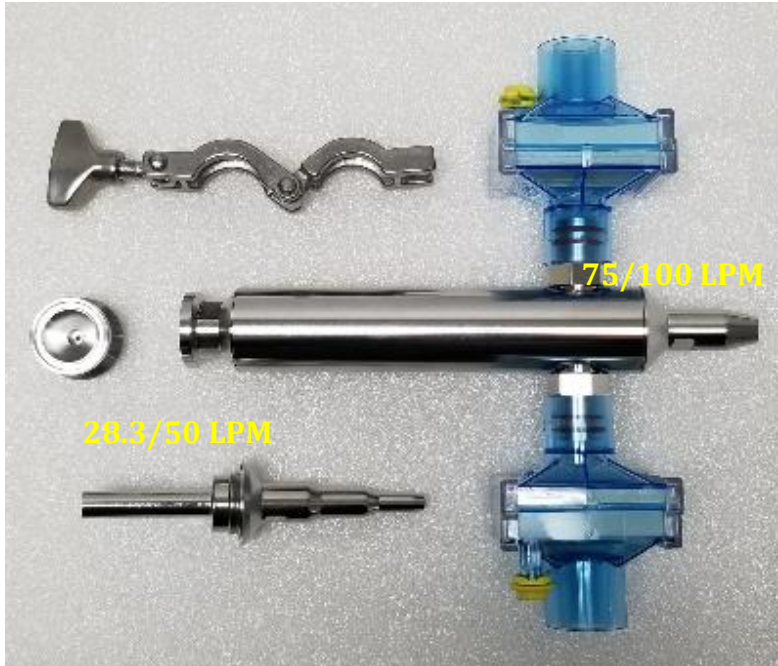




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EMTEK HIGH PRESSURE DIFFUSER (HPD)

HPD with Exhaust Filters for use with RCG and P100 for Microbial Testing, and Laser Particle Counters for Total Particulate testing



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| HPD Description | EMTEK Exhaust Filtered Total Particulate/Microbial High Pressure Diffuser (HPD) |
| HPD Material / Finish | 316 Stainless Steel / Electro-Polished |
| Equipment/Flow Compatibility | V100/RCG (28.3, 50 & 100 LPM), P100 (28.3 & 100 LPM) 1 CFM, 28.3, 50, 75 and 100 LPM Laser Particle Counter (LPC) |
| HPD Pressure Ranges (Approx) | V100/RCG, and LPC's: -1 CFM, 28.3, 50/15-18 to 125 PSI (1.3-8.6 bar) -75 or 100 LPM/18-21 to 125 PSI (1.5-8.6 bar) P100 (with Compressed Gas Kit): -28.3 LPM / 6-80 PSI (0.3-6.5 bar) -100 LPM / 26-110 PSI / 1.8 – 7.6 bar) P100 LOW PRESSURE TESTING @ 28.3 LPM : 50-100 MBAR / 0.05 to 1.0 bar, can be achieved using a 100 LPM outlet barb on the inlet of the HPD body, and 28.3 LPM outlet barb. |
| HPD Fittings/Adapters to drop/Inlet Side | 1" Sanitary Fitting (0.980" OD) |
| HPD Fittings/Adapters tubing to LPC & P100 or RCG/Outlet Side (Barb) | 0.500"/0.375"/0.188" OD (28.3/50 LPM for LPC's) & 0.500" OD (28.3/50 LPM for P100 or RCG), or 0.500" OD (75/100 LPM) |
| HPD Exhaust Filters | Cartridge with 0.2micron Pleated HEPA Filters |
| HPD Dimensions | 5.5" Length x 1.25" OD |
| HPD Part/Order # for 28.3/50 LPM 75/100 LPM | EMTEK.HPD2.28.3/50.FILT EMTEK.HPD2.75/100.FILT |

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