

SPECIFICATIONS

Vacuum Sampler



GENERAL

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| Enclosure | Glass Reinforced Polyester (GRP) |
| Color | Grey RAL 7036 |
| Dimensions: Enclosure | 500H x 440W x 250D (20" x 17.5" x 10") |
| Dimensions: Enclosure w/ Sample Container | 700 H x 550W x 250D (25.5" x 21.5" x 10") |
| Weight | 15 kg (33Lbs.) |
| Power consumption | 80W |
| Voltage | 230V or 115V AC |
| Control Signal | 24V DC forward polarity to fill, reverse polarity to empty |

MEASURING PERFORMANCE

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| Sample container | PVC |
| Sample volume | 400 ml |
| Sample Valve | Pinch valve with EMPP tube |
| Vacuum Pump | Teflon coated diaphragm with Kalrez valves |
| Vacuum Valves | PVDF body with Kalrez and diaphragm |
| Main sample line | 3/8" OD x 1/4" ID |
| BioTector® analyzer sample line | 1/4" OD x 5/32" ID |

FEATURES

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| | Membrane keyboard |
| | Automatic fault indication |
| | Direct control from the BioTector® TOC analyzer through a 6 core cable |
| Optional Features | Stand alone operation |
| | Direct control from alternative analyzer |
| | Additional sample container for second analyzer |
| | Additional sample container for composite sampling |

OPERATING CONDITIONS

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| Vacuum generated | 800 mbar standard |
| Maximum recommended sample lift | 6 meters standard Option: 9 meters |
| Maximum recommended sample transport distance | 40 meters with a 6 meter lift Typical: 25 seconds for 3 meters horizontal with a 3 meter lift |
| Fill time | 120 seconds for 40 meters horizontal with a 6 meter lift |
| Filtering | Not required |
| Maintenance | Normal service frequency - 6 months |



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