

Automatic Precipitation Sampler (Model DRA-12)

FOR THE COLLECTION AND AIR-CONDITIONED STORAGE OF RAIN AND SNOW SAMPLES
FOR LATER ANALYSES

SAMPLING

- 32x250ml polyethylene bottles
- Automatic change of bottles when bottles are full (capacitive sensor)
- Electronic protocol of bottle number
- All parts in contact with the samples are of Teflon or Teflon-coated



PROGRAMMING

- Programming using touch screen
- Manual control of single movements using touch screen
- Programmable time controlling for bottle exchange programs
- Response time of lid closing and minimal sampling time can be determined
- Recording of total sampling time per sample, lid opening times
- Customer specific programs on request

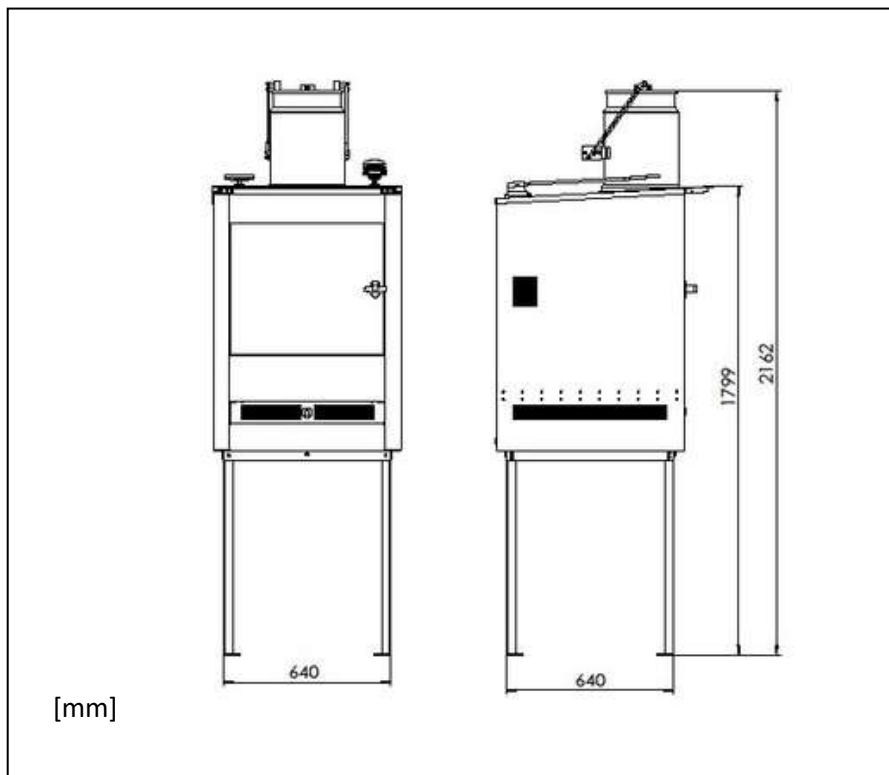
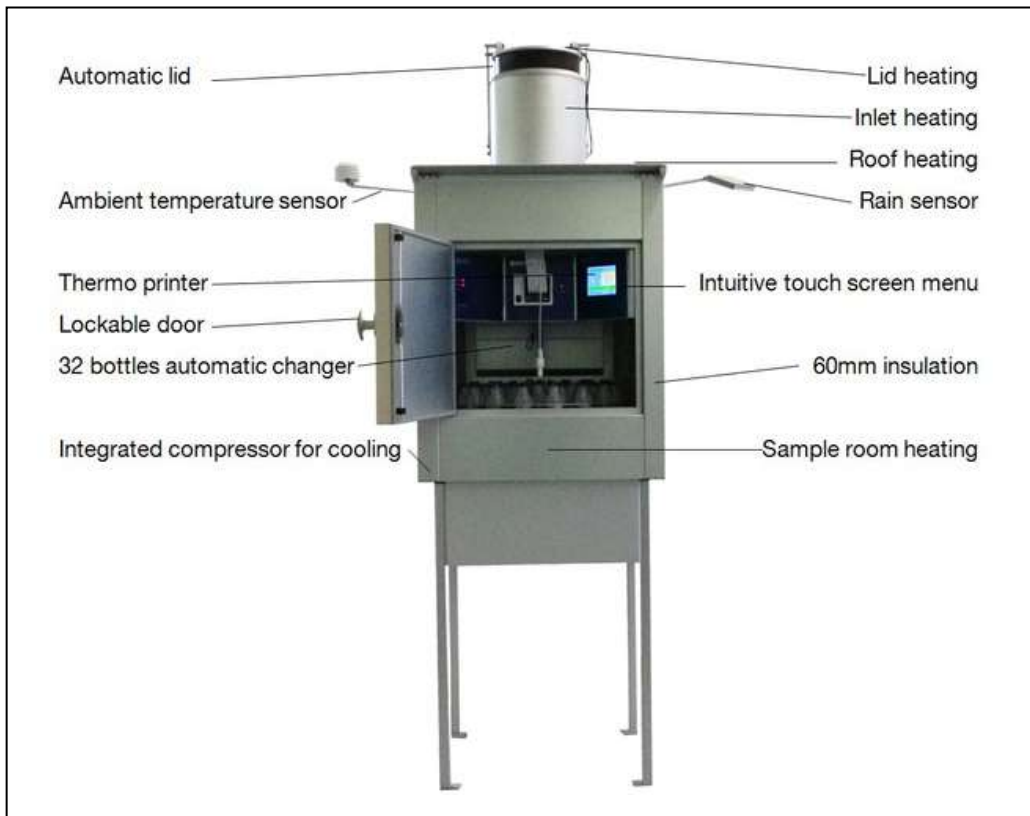




- Electronic overload deactivation of the motors
- Temperature controlled heating of lid, inlet and roof
- Ambient temperature sensor with radiation shield
- Heated precipitation sensor
- Capacitive level sensor
- Printer
- RS 232C (for ext. Terminal, Modem,...)
- USB port (save data on USB stick)
- Internal memory, battery backed clock module
- Programmable climatisation (heating / cooling) of sampling chamber

MECHANICAL BUILD-UP

- Motor-driven, precipitation- controlled lid
- Motor-driven pivot arm for the inner and outer bottle range
- Motor-driven bottle changer
- Automatic closing of the empty and full bottles
- Weather-proof housing made of anodized aluminium
- All mechanical parts are made of aluminium or stainless steel
- 60mm insulation of sampling chamber
- Tower and bottom easily removable for transport and cleaning
- Easy fixation to the ground
- Cooling compressor outside the sampling chamber
- Sampling chamber lockable
- Drainage for condense water
- Cooling unit outside the sampling area



Office Location
 Kingfisher Business Park
 London Road
 Stroud
 Gloucestershire
 GL5 2BY

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