

APPLICATION

The Basil 1100 Feeder Bottle Filler is a conveyORIZED, manifold-type unit designed to fill basket loads of feeder bottles used in the care of laboratory animals.

STANDARDS

CE marking available upon request.

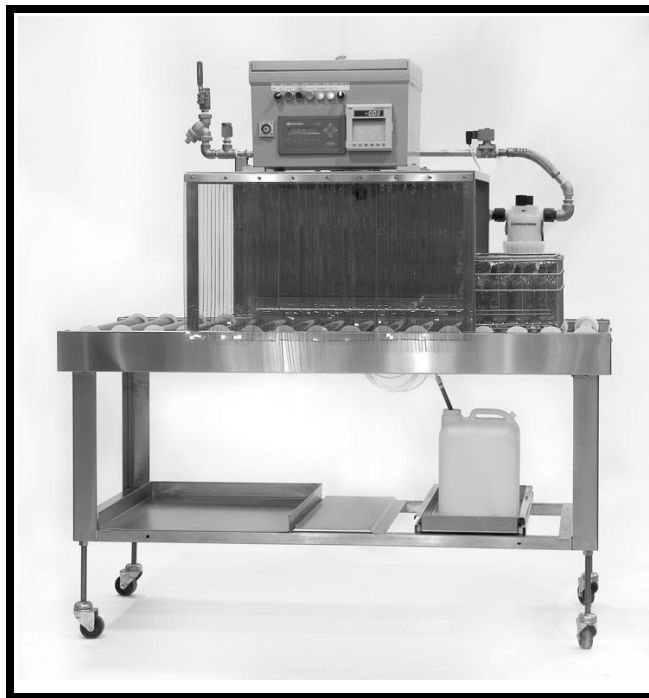
FEATURES

The basic unit is capable of dispensing water through an optional manifold accessory. This unit includes the following features:

- Manual and auto fill button with indicator lights.
- Adjustable timer to control injection time on auto fill sequence.
- Ground fault interrupter to prevent accidental electrocution.

The acid proportioner unit is capable of accurately mixing a base treating solution into animal drinking water to be dispensed through the bottle filler for the purpose of chlorination, acidification or medication. This unit includes the following features:

- Manual adjustment chemical mixer with chemical low level sensor.
- Manual or auto fill rotary switch with timer to control injection time on auto fill sequence.
- Filling, purge, pH out of range and low chemical indicator lights.
- Water or acid selectable by rotary switch with automatic purge feature. Manual purge button also provided.
- Monitor to display pH levels of all solutions before being dispensed into feeder bottles.
- Strip Chart Recorder to provide printed record of solution pH levels being dispensed to the bottles.
- Ground fault interrupter to prevent accidental electrocution.



(Typical only - some details may vary.)

Size (W x H x D)

Basic unit overall dimensions; height is adjustable:

- 69-1/2 x 69-1/2" to 72-9/16 x 37-7/8"
 (1766 x 1767 to 1843 x 962 mm)

Acid proportioner unit overall dimensions:

- 69-1/2 x 82-1/8" to 85-1/8 x 40-1/16"
 (1766 x 2086 to 2162 x 1018 mm)

Filler header configurations (not included, one must be ordered):

- 4 x 6 jets
- 5 x 5 jets
- 4 x 5 jets

NOTE: See SD633 for details on Bottle Basket accessory.

The Selections Checked Below Apply To This Equipment

MODEL

- ☐ Basic Unit
☐ Acid Proportioner Unit

ACCESSORY

- ☐ Filler Header
☐ 4 x 6
☐ 5 x 5
☐ 4 x 5

Item _____

Location(s) _____

CONSTRUCTION

Unit conveyors are equipped with PVC rollers and can be configured for either right-to-left or left-to-right flow. Frames include a lower shelf with slide-out drawer to store chemical container or other. Frame design is capable of meeting building code seismic requirements.

Splash hood, drain pan and legs are stainless steel 316, with integral, watertight welds. Filler legs are equipped with **adjustable** feet for leveling the unit.

Filler header accessory is constructed of stainless-steel 316 tubing with individual stainless-steel 316 jets for each bottle. A **quick disconnect attachment** allows the header to be changed, as desired. **A filler header accessory must be ordered.**

A sliding splash prevention curtain is provided on splash hood to ease installation/removal of filler manifold accessories.

Fillers are equipped with stainless-steel 304 piping. Quick-operating, 1/4-turn stainless-steel 304 ball valves are used on water inlet and solenoid stainless-steel 304 valve for water and acid filling. A pressure regulator is provided to obtain proper adjustment for the flow rate. Also provided is a 300 mesh filter with a check valve system to prevent residues or contamination.

ACCESSORIES

Filler Headers are available with 4 x 6, 5 x 5 or 4 x 5 configurations.

NOTE

Connection to building drain is not by STERIS.

UTILITY REQUIREMENTS

Basic Unit

Cold Water

3/4" FNPT; min. 10 psig (69 kPa) dynamic max. 125 psig (861 kPa) dynamic; maximum temperature: 60°C (140°F)

Drain

1-1/2" (38 mm) stainless-steel tubing

Electricity

120 V, 60 Hz, 1-phase, 2-wire, 1 Amp

Acid Proportioner Unit

Cold Water

3/4" FNPT; min. 10 psig (69 kPa) dynamic; max. 70 psig (482 kPa) dynamic; Flow rate: 0.4 U.S. gpm – 20 U.S. gpm (1.5 L/min – 76 L/min); maximum temperature: 40°C (104°F)

Drain

1-1/2" (38 mm) stainless-steel 304 tubing

Electricity

120 V, 60 Hz, 1-phase, 2-wire, 1 Amp. Other voltages available upon request.

NOTE: BSPT fittings are available upon request.

CUSTOMER IS RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE LOCAL AND NATIONAL CODES AND REGULATIONS.

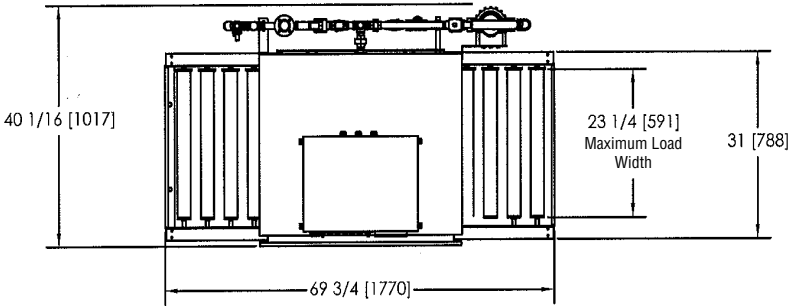
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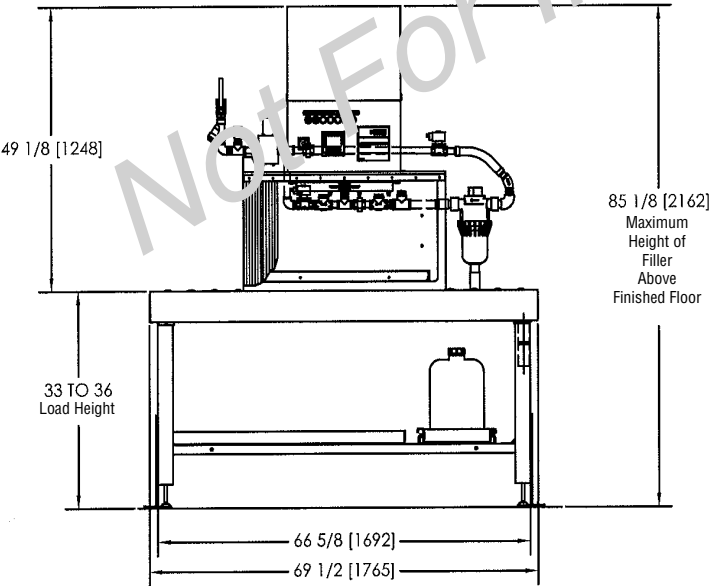
Refer to the Following Equipment Drawing for Installation Details	
Equipment Drawing Part Number	Equipment Drawing Title
920-507-711	Basil 1100 Feeder Bottle Filler
920-507-669	Basil 1100 Feeder Bottle Filler - Acid Proportioner Unit

Dimensions are typical -
drawing is not to scale.

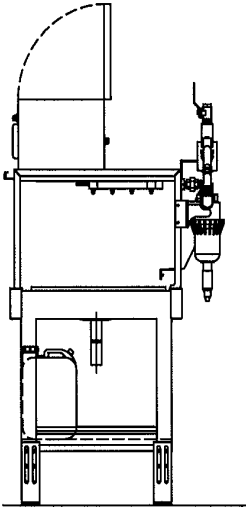
Dimensions are inches [mm]



TOP VIEW



FRONT VIEW



SIDE VIEW

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