

# RAIN-O-MATIC®

## PROFESSIONAL RAIN GAUGE

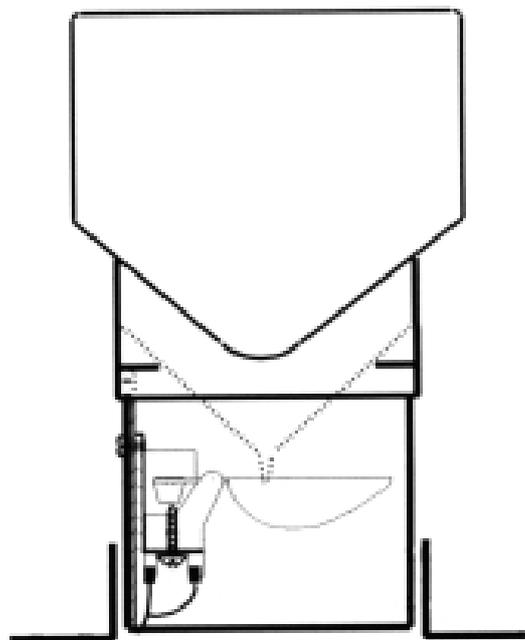


### Professional Rain Collector

- 200 cm<sup>2</sup> orifice ( 159,6 mm diametre )
- Resolution: 0,2 mm, 0,25 mm or 0,5 mm
- Tipping bucket system with magnet
- Electronic LCD counter with 5 digits can be supplied. The LCD counter accumulates automatically the precipitation and can be reset manually if required. Supplied with standard 10 meters of cord.
- Waterproof box for the LCD counter is available.
- The rain collector should be mounted onto a pole at no more than 1.5 meters/5 feet above ground and shielded from strong winds. The rain is collected in the funnel and runs through a filter down into a spoon (a specially designed tipping spoon) which is held by a magnet.
- The world patented self-emptying tipping spoon is unique and makes this electronic rain gauge one of the most accurate. The spoon tips automatically and empties out when it fills with a preset amount of water.
- Data logger that can be connected to the rain collector is available.

### THE PERFECT PRODUCT FOR:

- Weather Stations
- Schools and Universities
- Waterworks
- Hydro electric power stations
- Highway authorities
- Construction Engineers
- Outdoor Sports Facilities
- Professional Gardeners
- Foresters
- Farmers
- Hobby Gardeners
- Home Owners



# RAIN-O-MATIC®

## PROFESSIONAL RAIN GAUGE

### Professional rain gauge

The patented self-emptying tipping bucket system in the rain collector is unique, and places the rain gauge among one of the most accurate rain collectors. The measuring spoon is tipping automatically and is emptied by registration of a preset amount of water.

RAIN-O-MATIC PROFESSIONAL is selfemptying and consequently secured against frost. The rain gauge is very precise and has for instance an intensity of 3mm/0,12 inch per minute at a calibration of 0,25 mm or 1/100 inch.

RAIN-O-MATIC PROFESSIONAL is reliable and stable. A re-calibration can be done by an adjusting screw.

Official test reports, diagrammes of intensity and technical description are available.

### Printed Circuit Board options:

Option 1: PCB No. 9601 with 1 reed switch (NC—Normally closed).

Option 2: PCB No. 9602 with 2 reed switches (NC—Normally closed, NO—Normally open) Terminalstrip

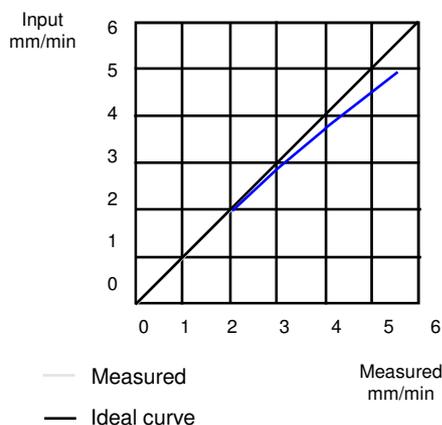
Printed Circuit Board with 2 reed switches ( 1 pc. is Normally Closed and 1 pc. is Normally Open ), with 2 connections for LCD counter and for connection to data-logger / computer.

### Material:

The rain collector is produced of the material STYROSUN, which has passed the Arizona test. STYROSUN is a very resistant material to the UV radiation of the sun, just as it is frost and heat resistant. It is resistable to all climatic conditions. The electronic printed curcuit board is protected against extreme weather conditions, including salt water.

	Millimeter version	American version
Resolution	0,20 mm 0,25 mm 0,50 mm	1/100 inch
Capacity per minute 12 tippings:	0,20 mm: 2,4 mm 0,25 mm: 3,0 mm 0,50 mm: 6,0 mm	0,12 inch
Orifice:	200 cm <sup>2</sup>	31 sq. inch
Splash room height incl. bottom:	170 mm	6,7 inch
Total height:	240 mm	9,4 inch
Weight	380 g	13,5 oz

Intensity-curve with  
0,2 mm / impulse



# PRONAMIC®



PRONAMIC Co., Ltd.

Ørstedsvvej 4  
DK-8600 Silkeborg  
DENMARK

Phone: +45 86 80 58 66  
Fax: +45 86 80 58 67  
E-mail: [mail@pronamic.com](mailto:mail@pronamic.com)  
Homepage: <http://www.pronamic.com>