

# Data Loggers and Desiccators

## Temperature Dataloggers

Extremely economic battery-operated temperature loggers, each housed in a tough ABS case and sealed to IP68 against ingress of dust and water (continuous immersion), which makes them ideal for monitoring in wet and humid environments. Designed for unattended operation, each datalogger can store up to 7600 temperature readings in a non-volatile memory. Conventional AA-size alkaline batteries (included) will give a 4 year life. NB. One software package plus an infrared interface (see below) will be required, and can be used to operate any number of HI-140's.

Product no With hook	Product no Without hook
11064/01	11064/11
11064/02	11064/12
11064/03	11064/13
11064/04	11064/14
11064/05	11064/15
11064/06	11064/16
11064/07	11064/17



### Accessories and Spares for HI-140 Dataloggers

External Probe versions are now available - please ask Yorlab for details

Product no	Description
11064/20	Infrared interface
11064/21	Windows 98
10993/02	1.5 volt Alkaline battery (3 batteries required)

Datalogging software for use with Hanna portable and bench meters is also available.

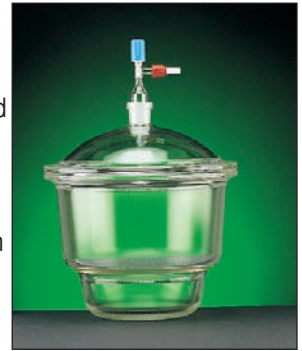
### Technical Data

Product no	Range	Resolution	Accuracy
11064/01	-30°C to +70°C	0.5°C	±1.5°C
11064/02	-10°C to +30°C	0.2°C	±0.5°C
11064/03	-30°C to +10°C	0.2°C	±0.5°C
11064/04	+20°C to +60°C	0.2°C	±0.5°C
11064/05	-30°C to -10°C	0.1°C	±0.3°C
11064/06	+20°C to +40°C	0.1°C	±0.3°C
11064/07	-5°C to +15°C	0.1°C	±0.3°C

## Glass Desiccators, Jointed

### Jointed

Complete desiccators of heat-resistant borosilicate glass, comprising lid with B24/29 socket and base with grooved flange, O-ring and stopcock. Porcelain or metal plates should be ordered separately, as required. One or more extension flanges may be used with the 250mm diameter desiccator. Each flange will increase the height by 200mm.



150mm Dia, 239mm high\*

200mm Dia, 296mm high\*

Product no	Description
11142/01	Desiccator
10518/02	Porcelain plate
10519/02	Metal plate

Product no	Description
11143/01	Desiccator
10518/03	Porcelain plate
10519/03	Metal plate

250mm Dia, 344mm high\*

Product no	Description
11144/01	Desiccator
10518/04	Porcelain plate
10519/04	Metal plate
10509/01	200mm Extension flange

\*Heights are external, not including stopcock.

## Glass Desiccator

Complete desiccators of heat-resistant borosilicate glass, comprising lid and base. Porcelain or metal plates should be ordered separately, as required. One or more extension flanges may be used with the 250mm diameter desiccator. Each flange will increase the height by 200mm.



150mm Dia, 239mm high

200mm Dia, 296mm high

Product no	Description
11145/01	Desiccator
10518/02	Porcelain plate
10519/02	Metal plate

Product no	Description
11146/01	Desiccator
10518/03	Porcelain plate
10519/03	Metal plate

250mm Dia, 344mm high

300mm Dia, 420mm high

Product no	Description
11147/01	Desiccator
10518/04	Porcelain plate
10519/04	Metal plate
10509/01	Extension flange (200mm)

Product no	Description
11148/01	Desiccator
10518/05	Porcelain plate
10519/05	Metal plate