

Isco 581 Rapid Transfer Device

Isco's Rapid Transfer Device (RTD) is the most convenient alternative to using notebook computers in the field.

Use the pocket-size 581 to retrieve data from a variety of Isco instruments:

- ▶ 4100 Series Flow Loggers
- ▶ 4200 Series Flow Meters
- ▶ 6700/6712 Series and Avalanche® Samplers
- ▶ 676 Logging Rain Gauge System

Easy to Use

The Isco RTD requires little or no training. Simply plug it into the interrogator port on your Isco instrument and your flow, rainfall, water quality, and sampling data is quickly transferred to the RTD. There are no additional cables to carry, not even a button to push. Data transfer is completely automatic.

Large, Versatile Memory

The flexible memory in the Isco RTD has storage for over 900,000 bytes of data - enough for one RTD to typically retrieve data from up to 24 Isco flow meter and/or sampler sites.

Rugged and Compact

Isco's RTD is rugged enough to withstand | submersion, yet small enough to fit in your shirt pocket.

Choice of Data Analysis

Back in the comfort of your office, you can quickly transfer the data from the RTD to your PC for display, storage, printout, or analysis with Isco software.



Just plug it in. The 581 RTD quickly retrieves stored data from your Isco instruments.



Specifications

Isco 581 Rapid Transfer Device						
Size (L x W x D)	5.2 in x 3.0 in x 1.9 in	13.2 cm x 7.6 cm x 4.9 cm	Data Retrieval	Serial connection via RTD Power/Data Transfer Cable to computer with Isco Flowlink, Textlink, or Samplink Software		
Weight	0.44 lbs.	0.2 kg				
Material	Polyurethane		Baud Rate	9600		
Enclosure (self-certified)	NEMA 4X, 6P	IP67				
Power	12V DC, 40 mA average current draw			Operating Temperature	32° to 120°F	0° to 49°C
Program Memory	Non-volatile, programmable flash; can be updated using a PC and the RTD Power/Data Transfer Cable				Storage Temperature	0° to 140°F
Data Storage Memory	Capacity Approximately 965,000 bytes (482,500 readings); equal to 24 Isco flow meters or samplers, each with 120 days of level and rainfall readings at 15- minute intervals, plus 1000 sample events					
Cells				Maximum of 255		

Ordering Information

Description	Part No.
581 Rapid Transfer Device (RTD) Includes power/data transfer cable to connect and power RTD during data transfer to PC. Power/data transfer cable powered by 120V AC. Contact factory for 240V AC operation.	68-6700-056
Flowlink® Software Generates informative graphs, reports, and summaries from stored data.	68-2540-200
Textlink Software Automatically stores data from the RTD in an ASCII spreadsheet file for analysis using Microsoft Excel® and other programs. Can also store data in a text file, or output data directly to a printer.	60-2544-045
Samplink Software Displays and prints pre-formatted ASCII reports of program settings and results from Isco 6700/6712 Series Samplers.	60-3774-013

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