

Digitilt DataMate Advantages

Advantages over the 09 Indicator

Improved Accuracy: Transcription errors are completely eliminated since the DataMate records and transfers readings electronically.

Confidence in Your Data: The DataMate provides complete checksum statistics for reliable on-site data validation. You can leave the site certain that you have good data.

Faster Surveys: A and B axis readings are recorded simultaneously by a single click of the hand switch. There are no numbers to write and no field data sheets to protect from wind and weather.

Data Transfers in Seconds: It takes just seconds to transfer data from the DataMate to your PC. Less than a minute later, you can view a graph of displacements using DigiPro software.

Short Learning Curve: DataMate operations are practical, efficient, and easy to learn.

Advantages over the Digitilt RPP

Reduced Training Costs: The DataMate has only six keys, and all operations are selected from menus. New users can be trained quickly, since there are no commands to memorize.

Reduced Field Costs: The DataMate is 1/6 the weight and 1/9 the size of the RPP and is designed for efficient one-person surveys.

No Battery Worries: The DataMate provides a full 16 hours of recording time, so you can always complete the day's surveys.

Faster Operation: Files and data are immediately available. Since you don't have to wait for a tape drive, it takes just seconds to set up for a survey, or to transfer data to your PC.

Change-Over: The Manager program included with the DataMate can import your RPP files and store them in a database, ready to graph with DigiPro software.

The DataMate Pays for Itself

Table 1, below, compares the average time required to complete a survey using the 09 Indicator and the DataMate. The DataMate completes the tasks about three and a half times faster, saving at least 45 minutes per survey.

Survey Tasks	'09	DataMate	Savings
Survey 100' inclinometer using standard two-pass method.	28	16	12
Validate data with checksums.	0*	1	-1
Transfer data to computer.	35	1	34
Total Time	63	18	45

*Digitilt 09 users generally omit this important step since validating data manually is too time consuming.

Table 2 shows how quickly the \$3,500 DataMate can pay for itself, based on the time savings above. Find your hourly costs, the number of surveys you conduct, then read the payback in days, weeks, or months.

Surveys	\$40/hr	\$50/hr	\$60/hr	\$70/hr
8 per day	15 days	12 days	10 days	9 days
8 per week	15 weeks	12 weeks	10 weeks	9 weeks
8 per month	15 months	12 months	10 months	9 months

