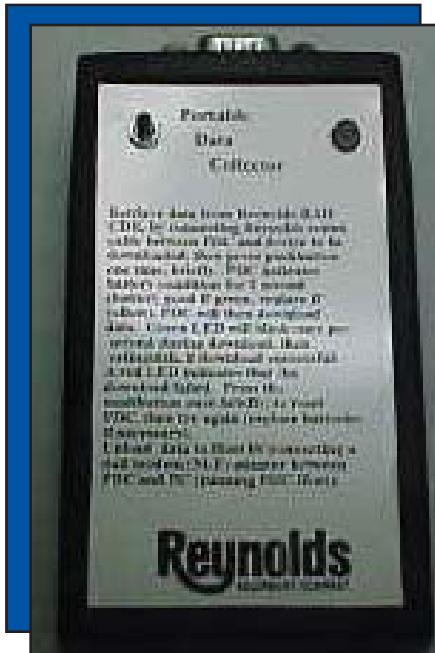


# Portable Data Collector (PDC)



## Highlights

- ⇒ Provides a simplistic alternative to collect data from:
  - 325 Chartless Data Recorder (CDR)
  - 325 Electronic Volume Corrector RVC
- ⇒ Connect the PDC to the CDR and push one button to download data and alarm logs.
- ⇒ Convenient - connect the PDC to a PC and download data within the same host software used in the field.
- ⇒ One LED indicates successful download and battery life.
- ⇒ The PDC stores up to 160 CDR units worth of data.

*Heath Consultants/Reynolds Equipment operates under a continual product improvement program and reserves the right to make improvements and/or changes without prior notification.*

# Specifications

## Physical

Housing:	Aluminum
Dimensions:	7.25" x 6.25" x 4.25"
Weight:	Approx. 5 lbs (one transducer, including battery)
Mounting:	Wall/panel, 2" pipe collar, wall/panel, stem (single pressure only), portable
Pressure Connection:	¼" NPTF
Temperature Probe:	¼" O.D. x 6" probe x 6' armor; ¼" NPTM slip fitting (others available)
Security:	Stainless steel padlock hasp
Coating:	Snow white powder coat

## Electrical

Primary Power Pack:	1.5 volt; 1 each D alkaline heat shrink with fuse card (up to four years of power)
Back Up Power:	3.6 volt field replaceable lithium cell (up to one year)
Circuit:	3 volt, 40 microamp; 4" x 5" four layer PCB; 95% surface mount construction
Transducer:	10 millivolt per volt excitation; 6th order polynomial compensation
Temperature Sensor (gas and air):	Integrated circuit type
Inputs/Outputs:	1 Pulse input, 2 Pulse outputs each form A
Display:	Eight digit LCD with scroll
Communication:	Two RS 232, multidrop addressable
Scroll:	Push button switch

## Performance

Accuracy:	+/- .3% of reading inclusive of linearity, hysteresis, repeatability, long term drift & temperature
Temperature:	-40°F to + 170°F
Humidity:	5 – 95 % non-condensing
Primary Power Pack Life:	Up to 48 months based on 1 second sample interval
Back Up Power Life:	Up to 12 months based on 1 second sample interval

## Pressure Ranges

Available:	Inches H <sub>2</sub> O, 1, 3, 6, 15, 30, 60, 100, 150, 200, 300, 500, 1000, 1500, 2000, 5000, 10000 psi (not all ranges available in absolute)
------------	---

## Options

- ⇒ Internal 2400 baud modem
- ⇒ Modem surge protector
- ⇒ Cell modem complete packages available
- ⇒ Radio modem
- ⇒ Multidrop harnesses (for connecting multiple CDRs to one modem)
- ⇒ Mounting kits

*Heath Consultants/Reynolds Equipment operates under a continual product improvement program and reserves the right to make improvements and/or changes without prior notification.*



9030 Monroe Road, Houston, TX 77061  
Tel 800-775-3424 ♦ Fax 469-429-5281  
www.reynoldsequipment.com