

VCP Redirector PF

A complete GUI interface linking to a
9MP-CL powder feeder.

VCP Redirector PF

- ▶ Adjusts feed rate on the fly.
- ▶ Adjusts carrier gas flow on the fly.
- ▶ Ability to change gas type.
- ▶ Receive constant feedback from the process.
- ▶ Feedback given in 5 second intervals.
 - Feed rate
 - Carrier flow
 - Gas Type

VCP Redirector PF

Screen Shot

Powder Feeder Interface CELL 1 : 192.168.100.240

Powder Feeder # 1

Connect Port **4000** Chart Feed Rate **10.0**
PF Address **001** Carrier Flow **15.0**

Gas
 Argon Nitrogen

TIME	FEED(A)	FEED(S)	CARRIER(A)	CARRIER(S)	GAS
09:35:14	10	10	15	15	Nitrogen
09:35:09	10	10	15	15	Nitrogen
09:35:04	10	10	15	15	Nitrogen
09:34:59	10	10	15	15	Nitrogen
09:34:54	10	10	15	15	Nitrogen
09:34:49	10	10	15	15	Nitrogen
09:34:44	10	10	15	15	Nitrogen
09:34:39	10	10	15	15	Nitrogen
09:34:34	10	10	15	15	Nitrogen
09:34:24	10	10	15	15	Nitrogen

Connection to 192.168.100.240 Established Disconnect

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Data Collection Module

- ▶ Allows the collection of data for an entire run.
- ▶ Shows graphical output of the run.
- ▶ Allows saving the data in a CSV file.
- ▶ CSV file can later be opened in Excel.
- ▶ Allows user to instantly check for inaccuracies.

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Data Collection Module Screen Shot

