"V" Variable Speed

Ideal for Automated Process Control

- Adjustable from 90 to 1800 strokes per minute for the **QV,** and 5 to 50 strokes per minute for the **QVG50.**
- **Q2V Ratio-Matic®** duplex for proportional metering using a single drive.
- **Q2V Ratio-Matic®** duplex reduces pulsation by 50%
- Quick connect to V300 Controller (included).

Best Value! Most Versatile!

	Drive	+	Pump Head	=	Complete Pump
Example:	QVG50	+	Q3CKC	=	

QV/QVG50

QV
Motor Electrical: 1800 RPM, TENV.

Dimensions:
10" x 4 5/8" x 4 7/8"wide
(254 x 117 x 124 mm)
Shipping weight:
QV : 10 lb (4.5 kg)
V300: 5 lb (2.25 kg)

QVG50
Motor Electrical: 50 RPM, TENV.

Dimensions:
11" x 5" x 5 3/4"wide
(279 x 127 x146 mm)

Shipping weight:
15 lb (6.75 kg)

QV/QVG50/Q2V PDM (Includes V300)

MAX. Flow/Pressure				PDM	Piston Code	Price V300
ML/MIN	GAL/HR	PSIG	BAR			
1.25	.019				RH00	
2.50	.039				RH0	
4.00	.063				Q0	
5.00	.079	100	6.90	QVG50	RH1	
16.00	.252				Q1	
36.00	.568				Q2	
64.00	.998	25	1.72		Q3	
45.00	.71				RH00	
90.00	1.4				RH0	
144	2.2	100	6.90	QV	Q0	
180	2.8				RH1	
576*	9.1			Q2V	Q1	
1296*	20.4	50	3.45		Q2	
2304*	35.9	25	1.72		Q3	

*See Page 27 for General Specification notes

Drive Options
Dial Indicator (pg.22)
Part Number: **- Q485**
Price:
Mounting Base (pg.14)
Part Number: **-MB**
Price:

Call Us, We Have The Answers.

"RHV" Low Flow (0-180 ml/min max)

- No Valves to clog, hang up or service.
- Ceramic and PVDF standard wetted materials - Tefzel available.
- One moving part - piston.
- Accuracy of better than ± 1 % = Drift Free Operation.
- Drift-free flow ranges up to 180 ml/min, pressures from -10 to 100 psig.
- Easy grip flow control ring graduated in 450 divisions.
- Instant adjustment of flow while running.
- Adjustable from 90 to 1800 strokes per minute.
- Quick connect to V300 Controller (included).

RHV

Dimensions:
8" x 3"x 3" wide
(181 x 76 x 76 mm)
Shipping weight :
7 lb (3.15 kg)
V300: 5 lb (2.25 kg)

Electrical:
1800 RPM, TENV.

RHV Pumps (Includes V300)

MAX. Flow/Pressure			Complete Pump	Wetted Parts	MAX. Temp	Price V300
ML/MIN	PSIG	BAR				
45	100	6.90	RHV00SKY	316 SS/PVDF/Carbon	140° F	
90			RHV0CKC	Ceramic / PVDF	212° F	
180			RHV1CKC			
45			RHV00CTC	Ceramic / Tefzel	140° F	
90			RHV0CTC	Ceramic / Tefzel	212° F	
180			RHV1CTC			

Variable Speed "V"

Variable Flow Rate to 2300 ml/min

Variable Speed Controller "V300"

QV, QVG50, RHV and Q2V Pump Drive Modules

- Selectable 4-20 mA, 0-5 VDC, & 0-10 VDC Input for automatic control.
- Membrane Switches for manual Flow Rate Settings and Start / Stop functions.
- Start, Stop & Reverse Flow while maintaining flow settings.
- Large 3 Digit LCD Flow Display.
- Universal Power Input accepts 100-240 VAC 50/60 Hz.
- Rugged, Anodized Aluminum Enclosure designed for both bench-top & wall mounting.

Dimensions: 7 1/4" x 5 1/8" x 6 1/4" wide
182 mm x 128 x 159 mm

V300

Selectable 4-20 mA, 0-5 VDC, & 0-10 VDC input for automatic control for QV, QVG50, RHV & Q2V Pump Drive Modules.

Digital LCD Flow Display

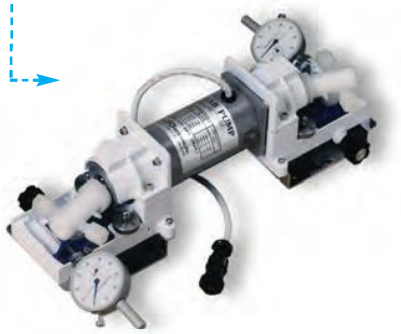
PHM (PUMP HEAD MODULE)

Piston Size Code	Materials of Construction								
	CKC	CKY	CSC	CSY	SAN	SKY	SSY	STY	CTC
RH00									
RH0									
RH1									
Q0									
Q1									
Q2									
Q3									
Wetted Parts	Ceramic PVDF	Ceramic PVDF Carbon	Ceramic 316 SS	Ceramic 316 SS Carbon	Ceramic Teflon	316 SS PVDF Carbon	316 SS Carbon	316 SS Tefzel Carbon	Ceramic Tefzel
MAX.Temp	212° F	212° F	350° F	350° F	350° F	140° F	140° F	140° F	212° F
Options	(add Option Code & cost to Pump Module for complete price and part number)								
LF (pg.20)	N/C	N/C				N/C		N/C	N/C
W (pg.20)									
WT (pg.20)									
TC (pg.30)									
R479 (Pg.22)									
S ("Q" Only)									

*See page 28 "Pump Head Materials Configuration" for additional information.

RATIO:MATIC®

Proportional Dual Head Pump Drive Module



Q2V

Dimensions :
15" x 4 7/8" x 5 1/8"wide
(381 x 124 x 130 mm)
Shipping weight:
Q2V: 15 lb (6.75 kg)
V300: 5 lb (2.25 kg)