

SPECIFICATION VELOCITY ERROR CORRECTOR

Performance:

- a) Automatic velocity error correction.
- Head pass correction range: 1.00 μ s
- Line-to-line correction range: .25 μ s
- Remanent velocity error: $\pm 3^\circ$
- Television Standard: NTSC/PAL
- b) Manual first and last line correction.
- *Amtec offset range: ± 400 ns
- Velocity correction range: ± 300 ns

Input Signals:

- Amtec Error
- *Colotec Error
- Amtec H Trigger
- Head Switching Pulses:
- 1.8 Vp-p max, centered at -2.15Vdc
- 1.0 Vp-p max, centered at -1.0 Vdc
- 4-8 Vp-p negative going pulse
- 1 to 3 μ s wide.
- Standard pulse as available in VR1200 or VR2000

Output Signals:

Output signal is an inter and extrapolated representation of the Amtec error. With no velocity error, amplitude and dc levels will be equal to the Amtec input $\pm 1\%$.

Operating Temperatures:

0-50°C

Input Power:

117 Vac 25 watts 50-60 Hz

Size:

5.25 inches high	(13cm)
19 inches high	(48cm)
17 inches high	(43cm)
22 lbs. weight	(10kg)

CMC reserves the right to make design changes without prior notification.

*Trade Mark Ampex Corporation