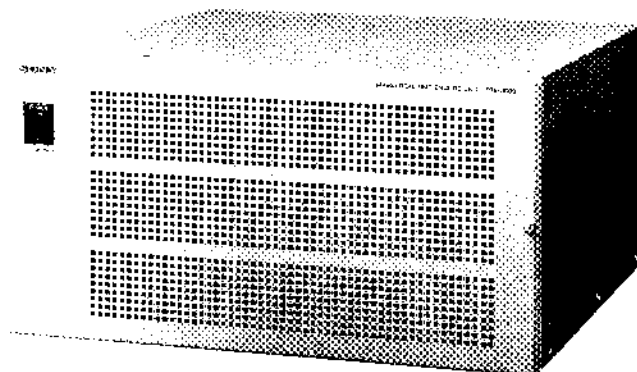


**RTE-3000E** Downloaded from: [www.broadcast-trader.com.au](http://www.broadcast-trader.com.au)  
**MPEG-1 Real Time Encode Unit**

- Original Sony encode and motion estimation controller LSI incorporated for high quality picture encoding
- Sony adaptive bit rate control encoding technology incorporated to assure appropriate encoding for each scene
- Automatic scene change detection incorporated to smoothly and accurately encode scene transitions
- Capable of encoding high resolution still images
- Capable of directly encoding signals from personal computers
- Built-in Sony decoding circuitry to enable decoded signals to be monitored while encoding
- RS-422 port available for VTR control
- Simultaneous video/audio multiplexing



- Supplied accessories ISA interface card and cable
- Required software Windows compatible RTS-3000 Encoder control software
- Optional accessories RTP-3000 Digital input/output board  
RTP-3100 Image processor board
- Optional software RTS-3200E Video CD authoring software

**Specification**

**General**

- Power requirement 220 to 240 VAC, 45 to 65Hz
- Power consumption 300W (encoder)
- Operating temperature 5 to 35°C (41 to 95°F)
- Dimensions 424 (W) x 231.6 (H) x 478 (D)mm  
(16 3/4 x 9 1/8 x 18 7/8 inches)
- Mass 20 kg (44 lbs. 15 oz)

**Video**

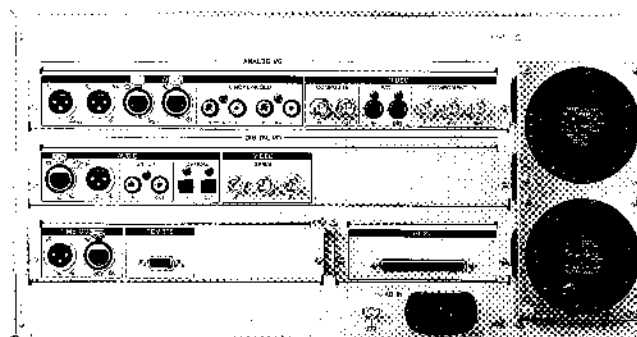
- Video format MPEG-1 Video (ISO11172-2)
- Video bit rate Adjustable from 1 to 7Mbits/sec.
- Picture size at SIF resolution  
352 x 240 x 30 (NTSC)  
352 x 288 x 25 (PAL)  
352 x 240 x 24 (Film)
- Video inputs/outputs  
S-video  
Composite  
Component (Y/R-Y/B-Y) input only  
Component SDI (option)

**Audio**

- Audio format MPEG-1 Audio ISO11172-3 layer 1 and layer 2  
(mono, stereo, joint stereo, dual)
- Audio bit rate 32 to 384Kbits/sec.
- Stereo inputs/outputs  
Balanced XLR  
Unbalanced phono  
AES/EBU digital (option)  
S/P DIF (option)  
Optical (option)

**Host computer minimum requirements**

- 100MHz Intel 80486 DX4 microprocessor or faster;
- 3MB free hard disk space for application; fast SCSI-2 AV Hard Drive (strongly recommended);
- Super VGA graphics with 1024 x 768 resolution and 256 colours for control software display;
- Microsoft Windows 3.1, 3.11 or Windows 95 operating system\*



\*These specifications should be used as a guideline for integrating a system which can be used to encode low bit rate MPEG-1 streams (1 to 3Mbits/sec). The performance of your