FlexScan® F520

Quality, Reliability & Performance
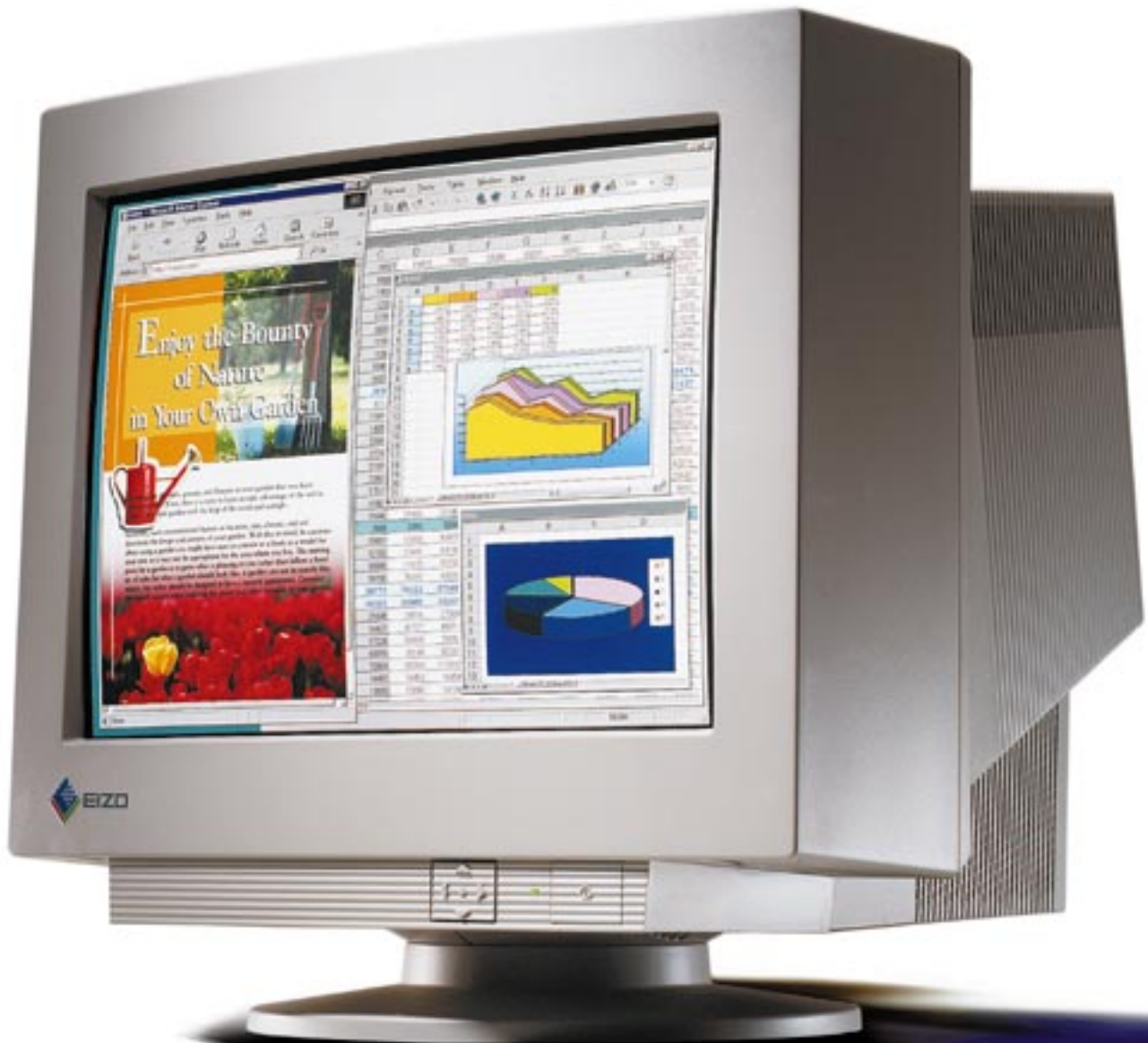
FlexScan® F520

Designed for everyday business use, the EIZO FlexScan F520 delivers sharp and accurate image reproduction, high performance standards, and power saving features. The F520 complies with the most stringent ergonomic standards and earned the distinction of being the first monitor in the world to receive TÜV ECO Circle 1999 certification.

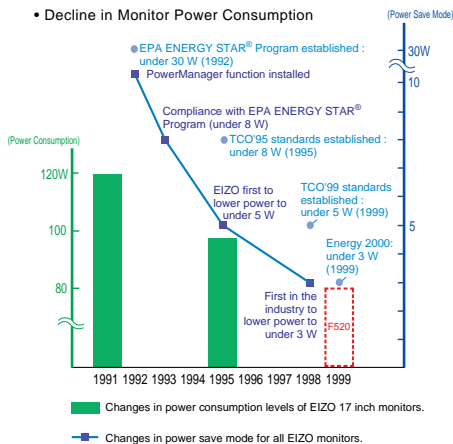## 45cm (17 inch) Class Color Display Monitor

Basic Specifications

The F520 has a fine dot pitch of 0.26 mm to guarantee clear picture definition for both text and graphics applications. A wide horizontal scanning range of 30 - 96 kHz allows for both the recommended resolution of 1024 × 768 / 118 Hz refresh rate and a maximum resolution of 1280 × 1024 / 89 Hz refresh rate.

Low Power Consumption

The F520 employs a newly developed power saving mini-neck CRT which requires only 80 watts for normal operation to make it one of the most energy efficient 17'' CRT monitors on the market. With EIZO's PowerManager™, power consumption is reduced to less than 3 watts when the F520 is on but not in use. The F520 also includes an off timer function which allows the user to set the monitor to enter a secondary power off state (less than 3 watts) at a predetermined time.

• Decline in Monitor Power Consumption

(Power Save Mode)
- ● EPA ENERGY STAR® Program established : under 30 W (1992)
- ■ PowerManager function installed
- Compliance with EPA ENERGY STAR® Program (under 8 W)
- ● TCO'95 standards established : under 8 W (1995)
- EIZO first to lower power to under 5 W
- ● TCO'99 standards established : under 5 W (1999)
- ● Energy 2000: under 3 W (1999)
- First in the industry to lower power to under 3 W — F520

30W
10
5

(Power Consumption)
120W
100
80

1991 1992 1993 1994 1995 1996 1997 1998 1999

■ Changes in power consumption levels of EIZO 17 inch monitors.

■— Changes in power save mode for all EIZO monitors.

Ergonomic Design

For user safety and preservation of the environment, the F520 complies with the most stringent ergonomic standards. The F520 is also the first monitor in the world to obtain TÜV ECO Circle 1999 certification. This new standard covers safety, ergonomics, EMC, noise, energy savings, pollutant reduction, and recycling, and assures the user that the F520 is at the forefront of ergonomic design. Other standards the F520 complies with include the CE Mark, TÜV Rheinland/ Ergonomie, and TCO'99.

Sicherheit Ergonomie EMV Lärm Recycling Schadstoffarm Energiesparend
Safety · Ergonomics · EMC · Noise
Recycling · Pollutant reduced · Energy saving
TÜV 1999
TÜV Rheinland/ Berlin-Brandenburg

TCO 99
ENERGY

TÜV Rheinland Product Safety
ERGONOMIE GEPRÜFT ERGONOMICS APPROVED

CE

i·Sound™ Sound Unit

For the enhancement of multimedia applications, EIZO offers the *i·Sound*, a separately sold speaker unit which comfortably attaches to the control panel console of the F520. The *i·Sound* is equipped with two speakers, two stereo mini-jack cables, and a microphone. The unit is powered directly from the monitor.

i·Station™ USB Hub

To simplify the installation of desktop peripherals, EIZO manufactures the *i·Station*, an attachable USB hub unit. The *i·Station* fits around the front cabinet to seamlessly blend with the design of the monitor and occupy no additional desktop space. The unit is also sold separately.

FlexScan® F520 Specifications

CRT Size	45 cm (17 inch) class, 90° deflection Invar Shadow Mask
CRT Phosphor Pitch	0.26 mm / 0.23 mm (H)
CRT Surface Treatment	SuperErgoCoat ®
Scanning Frequency	H: 30 - 96 kHz V: 50 - 160 Hz
Input Signals	RGB Analog
Input Terminal	D-Sub mini 15 pin
Active Display Size	318 mm (H) × 238 mm (V) (Diagonal: 397 mm)
Recommended Resolution	1024 dots × 768 lines, flicker-free at 118 Hz (max.)
Screen Control	ScreenManager ®
Power Management System	VESA DPMS
Power Consumption	80 W
Power Save Mode 1	Less than 10 W
Power Save Mode 2 (Off)	Less than 3 W
Plug & Play*	VESA DDC 1/2B
Dimensions	410 mm (W) × 439 mm (D) × 413 mm (H)
Net Weight	17.0 kg
Safety Standards	TÜV Rheinland/GS, CB, CE Mark
Ergonomic/Environmental Standards	TÜV Rheinland/Ergonomie Geprüft (including ISO 9241-3, ISO 9241-7 [Positive/Class I, Negative/Class I], ISO 9241-8 and MPR-II), EPA ENERGY STAR® Program, Energy 2000, TCO'99, TÜV ECO Circle 1999

∗ Only valid when computer system supports all Plug & Play functions (personal computer, graphics board, Windows® 95/98). For more details, please refer to the Windows 95/98, personal computer, and graphics board manuals or contact the manufacturers.

410
318
238
413
46.9
74.5
ø 265
45° 45°
10°
4°
124
439
(Unit : mm)
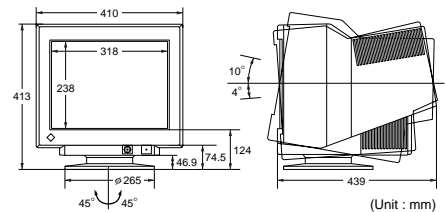
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