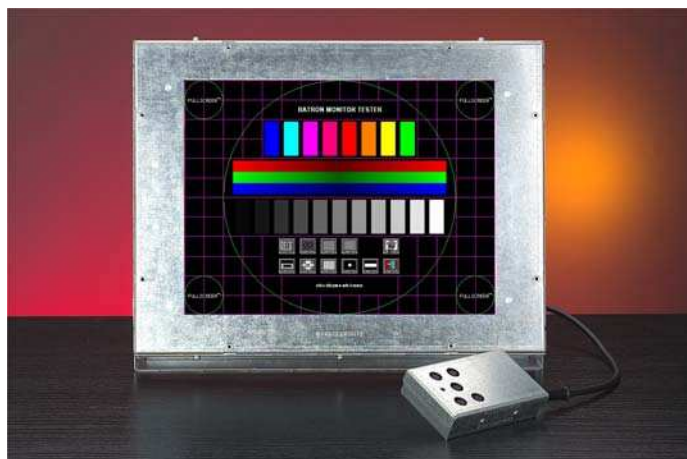


UNIPO® FLAT PANEL MONITOR (UFP) . . .



. . . the universal industrial monitor

Unique with automatic visualisation and screen display.

10 advantages you can count on:

Advantage no. 1

Monitor substitute for all mono and color CRT monitors, even for the assembly to old and extraordinary machines

Advantage no. 2

Matching for all machine controls and signal types (TTL, EGA, VGA, CGA, BAS, F-BAS, RGB, comp. Sync., interlace, sync. on green, etc.).

Advantage no. 3

Matches without regard of manufacturer and type of control: Bosch, Fanuc, Gildemeister, Heidenhain, Heller, Philips, Siemens, etc...

Advantage no. 4

Lowers procurement and storage costs: one device for all controls.

Advantage no. 5

Lifespan three times longer than conventional CRT monitors.

Advantage no. 6

Simple customization with exchangeable input modules with various plug types.

Advantage no. 7

High-quality TFT display: great contrast and sharpness, large angle, optionally available as touch screen.

Advantage no. 8

Designed for 24-hour continuous duty.

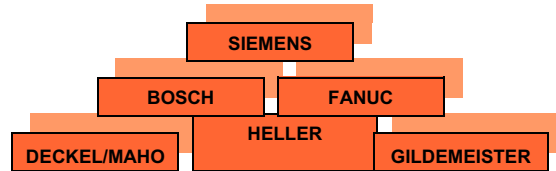
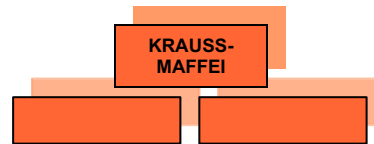
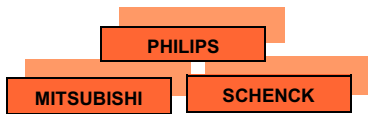
Advantage no. 9

Various retrofitting kits for direct 1:1 exchanges on site.

Advantage no. 10

The fastest solution during machine standstill due to monitor failure

Different controls. . .



. . . one monitor system

Technical data of UNIPO® FLAT PANEL

Model	6"	8"	10"	10"	12"	15"	17"	19"
Active picture area (mm)	133x99	171x128	211x159		246x184	308x232	340x270	376x270
Resolution (pixel)	640x480	640x480	640x480	800x600	800x600	1024x768	1280x1024	1280x1024
Dimensions Display unit (mm)	203x150x40	215x172x40	255x220x40		333x255x50	385x295x50	425x345x50	445x355x50
Dimensions Electronic unit (mm)	170x110x160 variable assembly possible							
Power consumption (watts)	24 typ. (34 max.)				30 typ. (40 max.)			
Horizontal-frequency min/max in kHz	12 / 100							
Vertical-frequency min/max in Hz	40 / 100							
Brightness (cd/m ²)	7200							
Protection	IP 20 rear; IP 65 front							
Mains voltage (volts)	84-264 V AC, 47-440 Hz, optional 24 V DC							
Service life, backlight (hours)	30.000 - 50.000							
Temperature range (°C)	0° - 55°							
Storage temperature (°C)	-20° to +70°							
Video signal	TTL, EGA, CGA, BAS, RGB, comp. Sync., interlace, Sync. on green, VGA, etc.							
Examples of controls	Bosch, Deckel/Maho, Fanuc, Gildemeister, Heller, Philips, Reishauer, Schenck, Siemens etc.							
Specials	TFT-display meets the requirements for monitor-workstations							
Electromagnetic compatibility	DIN EN 61000-3-2, DIN EN 61000-3-3, DIN EN 61131-2							

No high voltage, low radiation compliant with MPR II, Celabelling in accordance with EU Directive 89/336/EEC (EN 50081-2, EN 50082-2)
3 mm of Conturan glass with reciprocally interference-optimally antireflection coated surface for the contrast removal and protection of the display. Technical data and measurements without obligation!