# SEM12-K Gildemeister CTXxx
## TFT Replacement 12"

**VISCOTECH**



## Overview:

- 12" TFT / LCD Monitor for Gildemeister EPL2
- replacement for 14" CRT (color)
- connector and signal timing compatible to the control
- long-term availability
- frontpanel with protection glass and adapter made of plastic matching the curve of the CRT

## Description:

the monitors SEM12-K are used as replacement for 14" CRT-monitors in machines (CT2xx/4xx/5xx/6xx) from Gildemeister with control EPL2. The default timing is compatible to the control, this means after connectring the monitor the visualisation works correctly. Further adjustments can be made via on-screen-menu. The connector and interface for the graphic-signal are compatible to the control, so the replacement is easy. The monitor has to be mounted in the old chassis of the CRT and the curved adapter guarantees perfect sealing. Frontpanel with protection glass to ensure IP65 form the front.

## Technical Data:

**Overview:**
Industrial TFT-monitor 12" for mounting in the old CRT-chassis

**Control:**
Gildemeister EPL-2

**Original monitor:**
14" CRT color

**Interface:**
D-SUB15 female

**Synchronisation/ Timings:**
compatible to control

**Resolution:**
max. 800x600

**Visible picture:**
246x185mm

**Adjustments:**
On-Screen-Menu

**Brightness/ Contrast:**
min. 400cd/qm; 500:1

**Power supply:**
115/230 VAC

**MTBF:**
Backlights min. 5000h

**Mechanical dimensions:**
case: 307 x 225 x 65mm
frontpanel: 330 x 260 x 4 mm

**Material:**
frontpanel: Aluminium with curved adapater, protection glass

**Environmental conditons:**
operating temperature 0-50°C
storage temperature 0-65°C
humidity: 10 - 80 % rel. humidity,
not condensing

**Protections class:**
front IP 65

**Norms:**
EMV: EN55022 EN55024
EN61010-1

## Part Number:

**10030971**     SEM12-F-Gildemeister CTXxx EPL 2

## Overview:

- 12" TFT / LCD Monitor for Gildemeister EPL2

- replacement for 14" CRT (color) in control panel with integrated protection glass

- connector and signal timing compatible to the control

- long-term availability

- frontpanel black with holes for mounting in the old chassis of CRT

## Description:

the monitors SEM12-F are used as replacement for 14" CRT-monitors in machines (CT2xx/4xx/ 5xx/6xx) from Gildemeister with control EPL2. The default timing is compatible to the control, this means after connectring the monitor the visualisation works correctly. Further adjustments can be made via on-screen-menu. The connector and interface for the graphic-signal are compatible to the control, so the replacement is easy. Fast and simple replacment through mounting holes in the crt chassis on the mounting points of the tube without any specialized knowledge.

## Technical Data:

**Overview:**
Industrial TFT-monitor 12" for mounting in the old CRT-chassis

**Control:**
Gildemeister EPL-2

**Original monitor:**
14" CRT color

**Interface:**
D-SUB15 female

**Synchronisation/ Timings:**
compatible to control

**Resolution:**
max. 800x600

**Visible picture:**
246x185mm

**Adjustments:**
On-Screen-Menu

**Brightness/ Contrast:**
min. 400cd/qm; 500:1

**Power supply:**
115/230 VAC

**MTBF:**
Backlights min. 5000h

**Mechanical dimensions:**
case: 307 x 225 x 65mm
frontpanel: 330 x 260 x 4 mm

**Material:**
frontpanel: Aluminium, black powder coated

**Environmental conditons:**
operating temperature 0-50°C
storage temperature 0-65°C
humidity: 10 - 80 % rel. humidity,
not condensing

**Norms:**
EMV: EN55022 EN55024
EN61010-1

## Part Number:

| 10030885 | SEM12-F-Gildemeister CTXxx EPL 2 |
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Errata and technical modifications reserved

Date: 01/2024