



DISPLAY - TOUCH SCREEN - FRONT GLASS ASSEMBLIES.
HYGIENIC, ROBUST, CONTRAST-OPTIMIZED.

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Your individual front assembly from a single source. You decide on the configuration level. From electronic components within the sub-assembly, the glass front, an assembly with front frame, support plate and clearly defined interfaces through to an integration in your system – everything is possible.

LCD Displays – Acc. to Your Requirements

We advise and support you in the realization of a customer-specific touch display unit from conception, selection of electronics components, FW/HW adjustment and assembly.

The Latest Touch Technologies

Our systems are based on projective capacitive touch sensor technology.

Our customer-specific cover glasses are made of:

Soda-Lime-Glass	0.7 to 6 mm
Aluminosilicate glass	From 0.55 to 1.1 mm

Specifications

Structure*	Touch foil with OCA on front glass (4.3" to 65") Glass touch with PVB foil on front glass (5.7" to 32")
Features**	<ul style="list-style-type: none">▶ Ball of the thumb recognition▶ Stylus pen▶ Gloves▶ Water detection▶ Up to 10 mm glass thickness▶ EMC conform▶ Controller on Board (COB) or Flex (COF) solution
Interface	USB/I2C/SPI

* additional glass thicknesses on request

** depending on relevant parameters and selected controllers

Optical Characteristics and Haptic

Clean, hygienic and hard surfaces. Glass as a material always stands for the highest demands on excellent optical properties and the easiest of care. Therefore a number of processes are available including etching, hardening, printing and thin film coating to meet your individual requirements on your products as well as their function and design.



Integration in Your System

We offer solutions to the point of an installable 'Plug & Play' expansion stage.

In doing so, we have assembly lines for the mounting of TFT displays, as well as dust seals, EMC gaskets, PCBs or mechanical functional elements.

Frameless integration. The front assembly is being held through brackets affixed to the glass and by the mechanic which is situated behind it.

Insertion from the front. The assembly is inserted into a frame structure with corresponding support surfaces from the front and held in place with two-sided adhesive tape. An additional seal is ensured by a silicon joint between the glass and surrounding frame.

Integration from the rear. The glass assembly is connected to the front frame by a sealing strip and is held in place by mechanics.