

# Touch Panel

## Hints on Operating the Touch Panel of CAT 100, CAT 200 and BINOS® 100 F Gas Analyzers



# Touch Panel

## Introduction

### 1-1 OVERVIEW

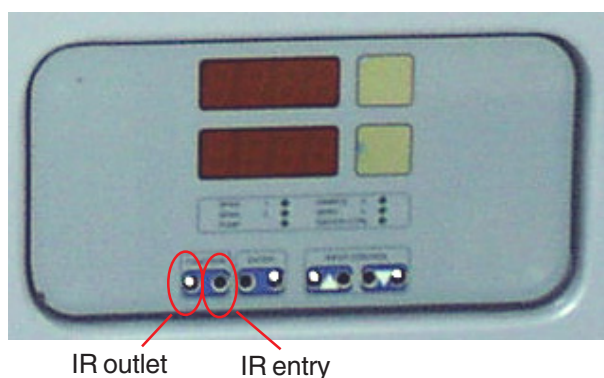
Analyzers intended either to be used in hazardous area or for outdoor usage are provided with a Touch Panel. This special version ensures ingress protection (IP) and resistance against mechanical shocks.

On account of its design it requires some special measures to operate the corresponding analyzer in a safe manner, so read the following instructions carefully!

### 1-2 TOUCH PANEL ELEMENTS

Whereas standard front panels are using keys for operating the analyzer the Touch Panel uses contactless Infra Red (IR) technology instead. This results in a slightly different design:

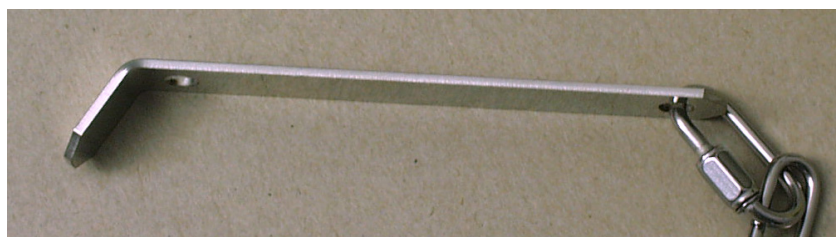
Each standard panel key is replaced by two drill holes: One for IR light outlet and another for entry, as it is shown using the BINOS® 100 F Touch Panel for instance.



### 1-3 ACCESSORIES

To operate the Touch Panel a special tool (actuator) is required. The following picture

shows this tool as it should be provided together with your analyzer. If it is missing please contact your local sales office.



## Operating the Touch Panel

### 2-1 OPERATING THE TOUCH PANEL

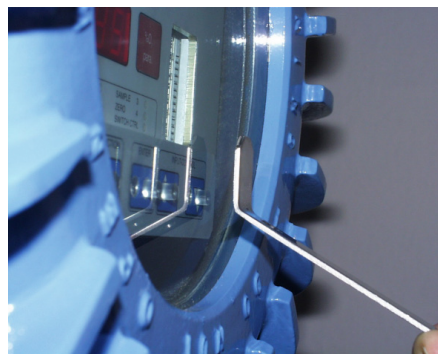
The Touch Panel is operated by reflecting the IR light coming out of the drill hole into the corresponding entry hole.

This is done by holding the actuator tool's bended end in front of the key in a way that it is aligned in parallel to the glass's surface.

A green light („switch ctrl“) is turned on when the actuator has the correct position to activate the touch pad. It is placed right above the keys with CAT 100 or above the right side of the LCD with CAT 200.



Positon control



#### CAUTION!

Do not touch the glass front with the tool to avoid scratching it!

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## 2-2 STORING THE ACTUATOR TOOL

Due to safety reasons and to avoid unintended operation the IR sensitivity is adjusted in a way that the Touch Panel may not activate without using the tool.

To store the tool it is provided with a chain to be fixed to one of the analyzers mounting screws as it is shown using the CAT for instance. In addition the mounting provides a hook to suspend the tool when not in use.

