

# Automation

## ZytoBrite Hybridizer



### ZytoBrite Hybridizer: Ideally suited for automated hybridisation of your FISH and CISH probes

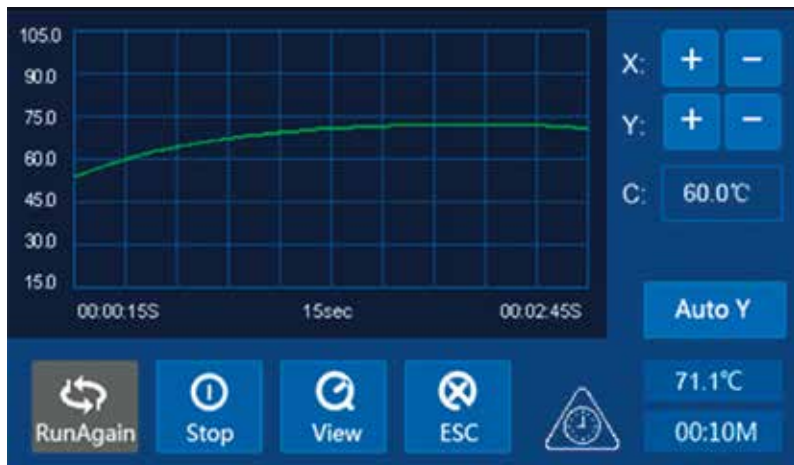
#### ► Advantages

- ▶ Can be easily operated with the touchscreen or mouse
- ▶ 4 operation modes:
  - 1 Denaturation and hybridisation
  - 2 Hybridisation
  - 3 Custom program
  - 4 *In situ*-PCR
- ▶ Heated water tanks assure optimal humidification of the hybridization chamber
- ▶ Fast heating, high temperature accuracy
- ▶ Uniform temperature distribution in the hybridization chamber
- ▶ 60 program memory locations
- ▶ Data export function via USB port

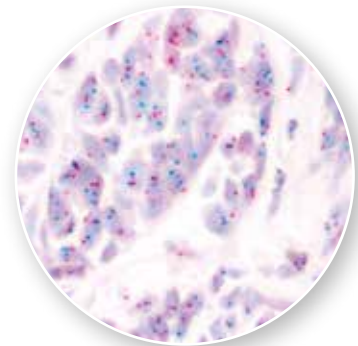


#### ► Product information

Description	Cat. No.	Amount
ZytoBrite Hybridizer	TDH-500	1 device (including USB mouse and USB stick)



Display of ZytoBrite Hybridizer showing temperature curve



ZytoDot® 2C ERBB2/CEN 17 Probe on breast carcinoma (green signal: HER2, red signal: CEN17), ZytoBrite Hybridizer was used for denaturation and hybridisation of the CISH probes

# Automation

## ZytoBrite Hybridizer



### Technical data

Sample capacity	12 slides
Temperature control range	RT + 5°C to 99.9°C
Timing range	1 min to 99 h 59 min
Heating time (37°C to 95°C)	≤ 3min
Cooling time (95°C to 45°C)	≤ 7min
Temperature accuracy	≤ ±1°C
Temperature difference between slide positions	≤ ±1°C
Dimensions (l x w x h)	420 × 225 × 143 mm
Weight	approx. 6 kg
Operating voltage	AC 220 V ~, 50/60 Hz, 2A

### ► Overview

- 1 Touchscreen allows for easy reading and programming
- 2 Capacity: 12 slides, optimized humidification as a result of the heated water tanks
- 3 Heated lid ensures high temperature consistency

