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CONFERENCE. **VISIT OUR STAND!**

29-30.05.2025 Wieliczka/Cracow
9th RotopolMeeting 2025

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PRECISION IN THE *process.*



ORGANIZED BY  **ROTOPOL**  **VALOR**
public relations agency

GENERAL SPONSOR **OREX[®] 30 years**
ROTOMOULDING MACHINES



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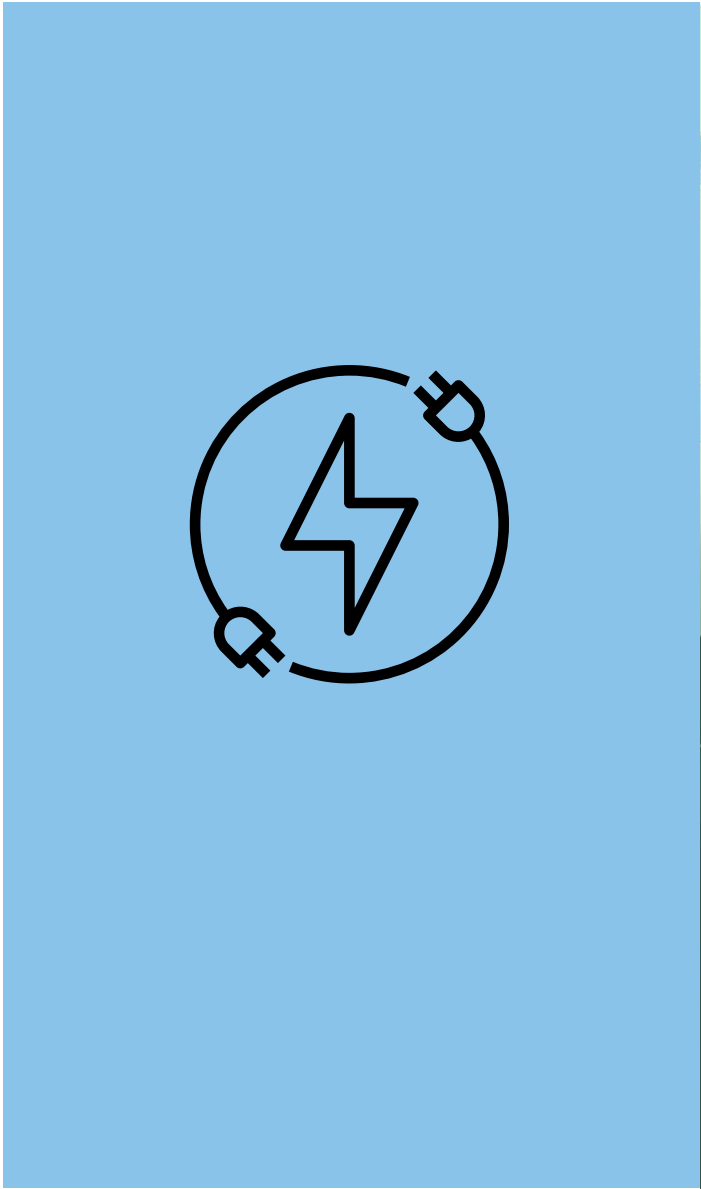
BEST REGARDS

PRZEMYSŁAW ORLIK – MANAGING DIRECTOR

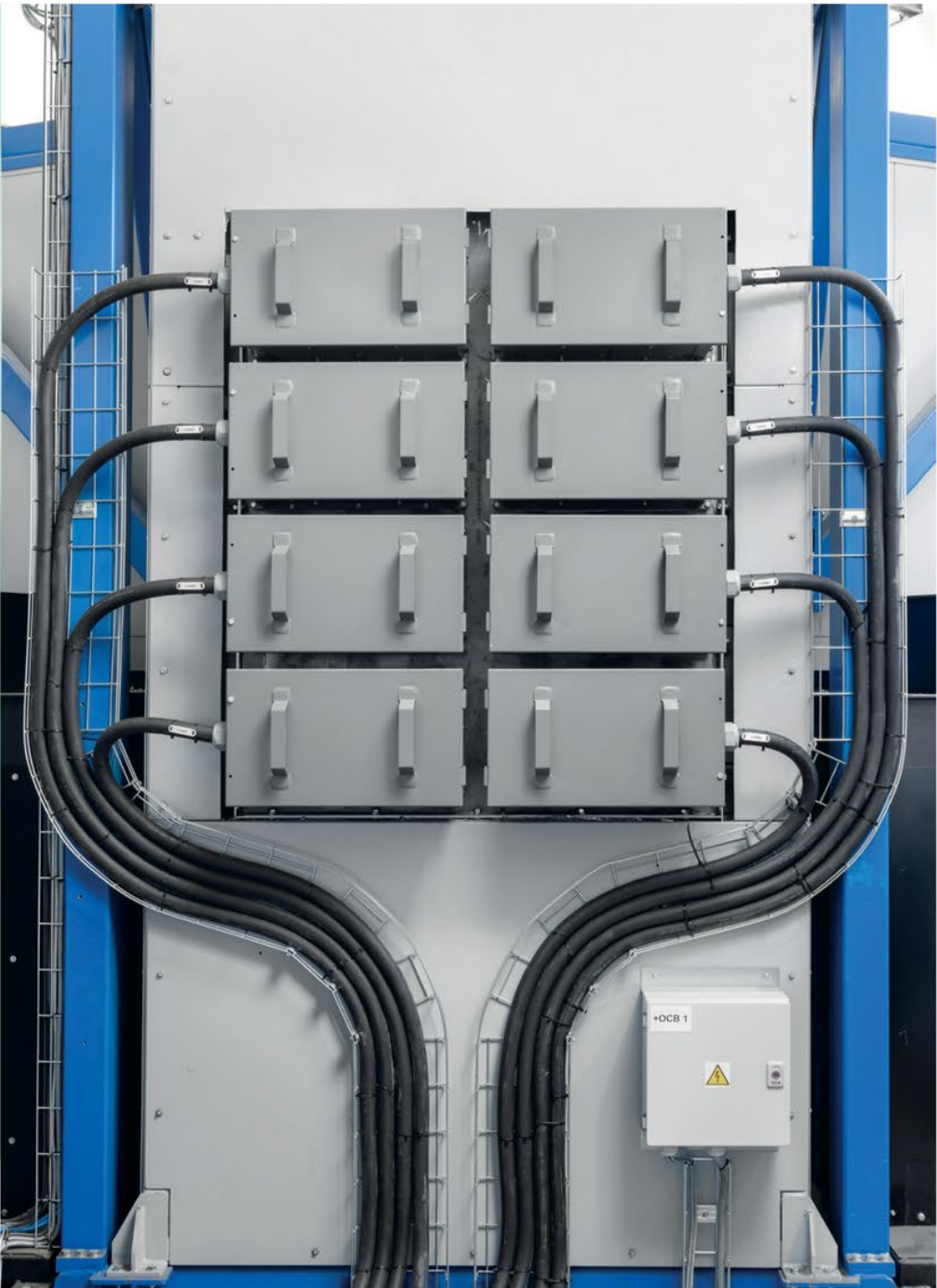


Czy to ma sens?

**GAS
VERSION**



**ELEC TRIC
VERSION**



TEST

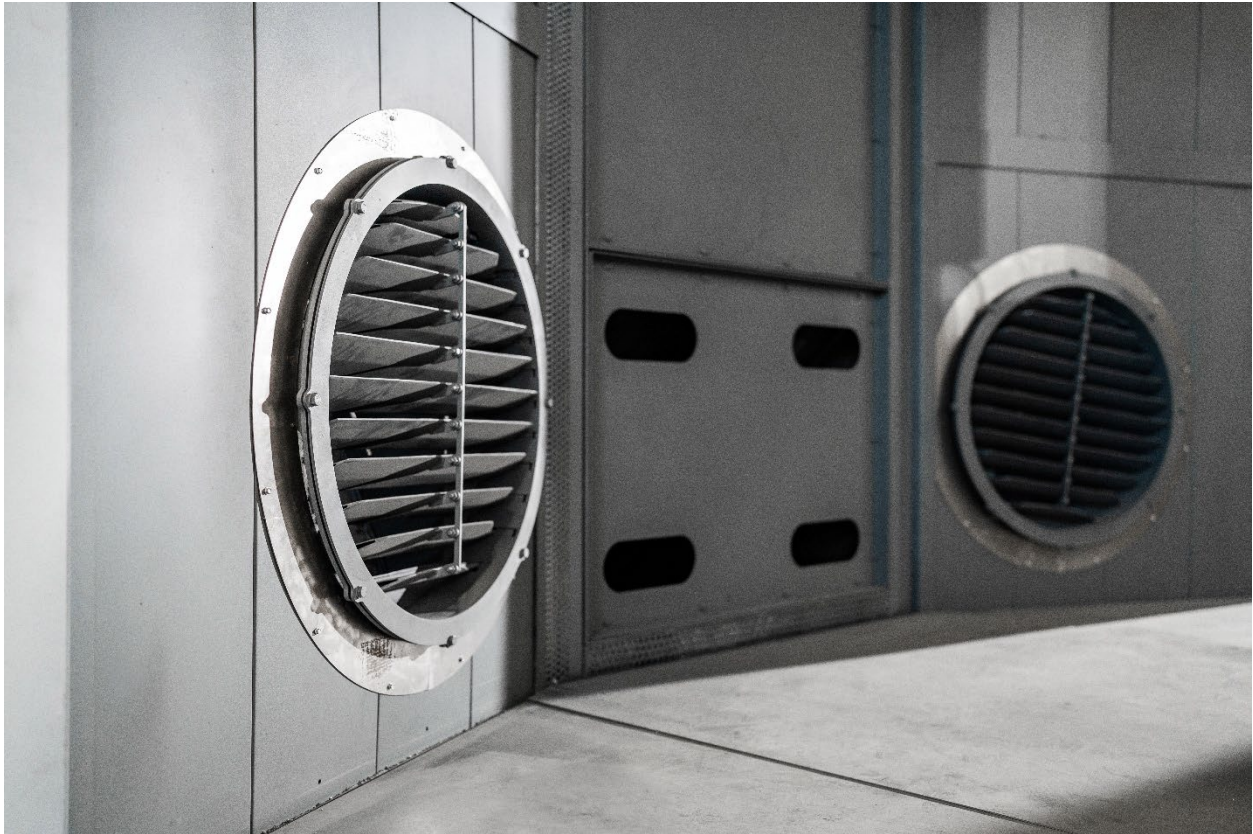
URG CAROUSEL
2600 - C4 - 2S2L

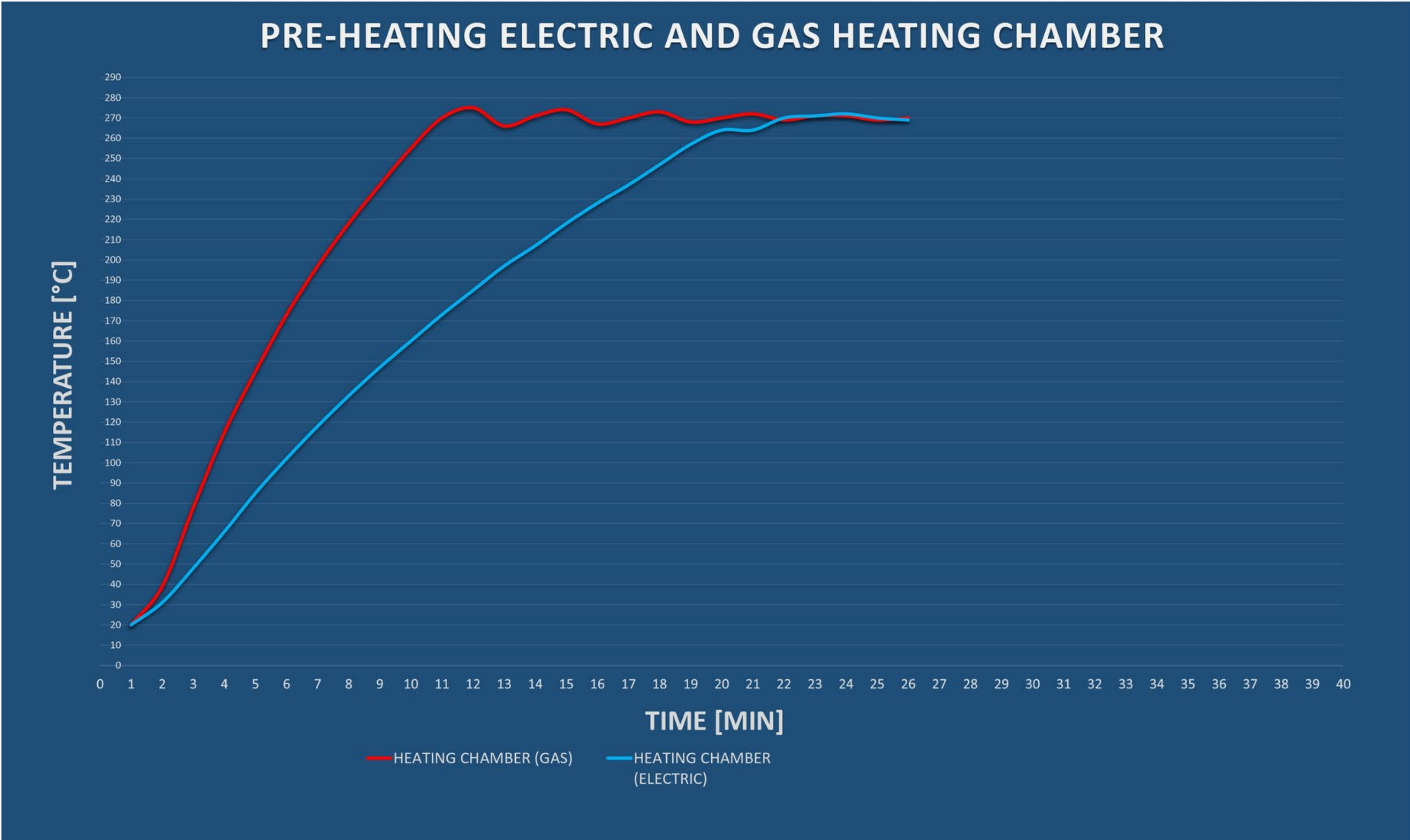
VS

URE CAROUSEL
2600 - C4 - 2S2L



PRE-HEATING DATA				
TYPE OF HEATING DEVICE	HEATING POWER	DUALL THERMAL CIRCULATOR FAN POWER [kW]	EXHAUST SYSTEM	INSULATION
GAS BURNER	405 kW	2 x 7,5	ON	ROCK/CERAMIC WOOL
ELECTRICAL HEATERS	320 kW	2 x 7,5	OFF	ROCK/CERAMIC WOOL

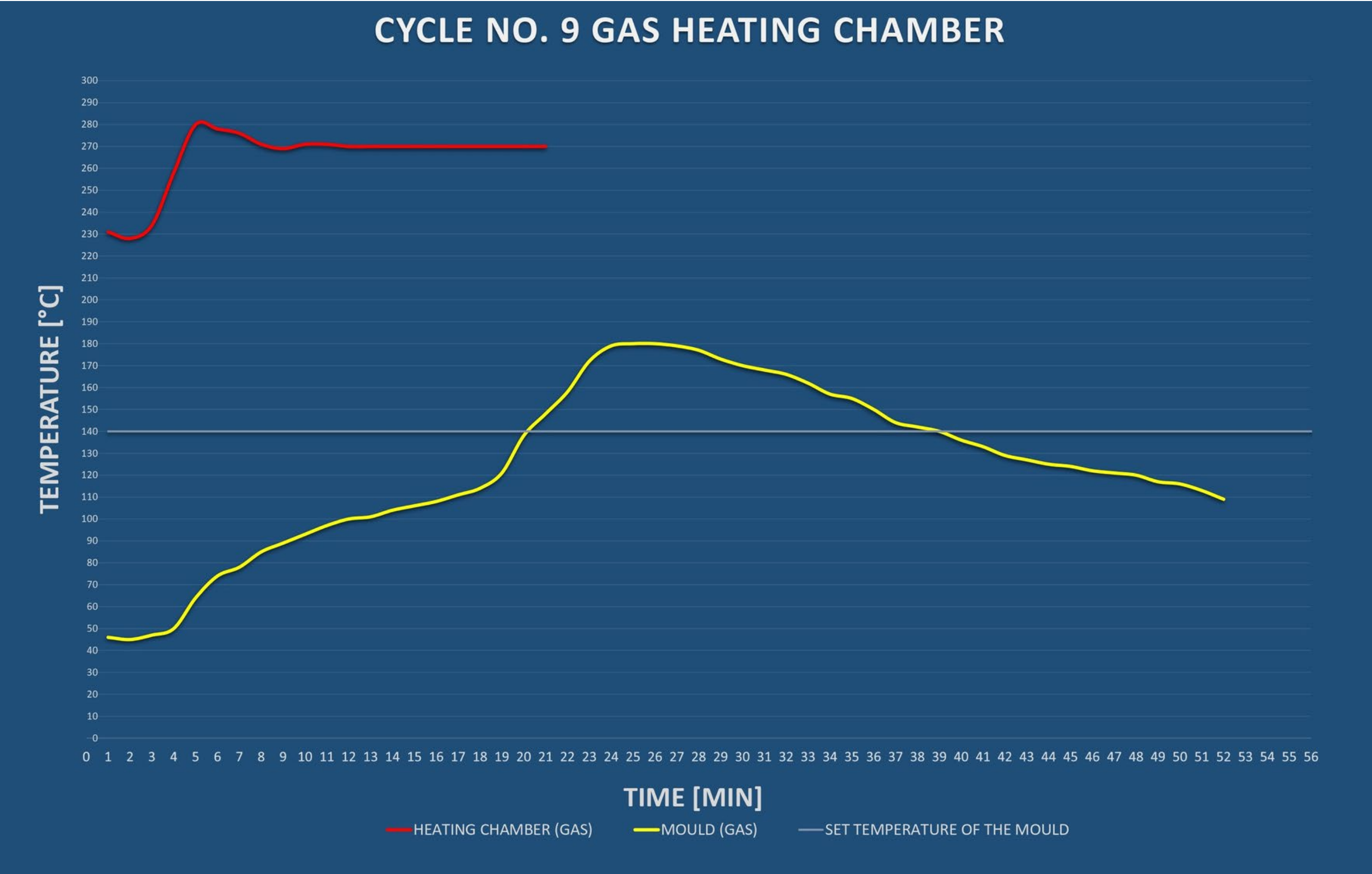


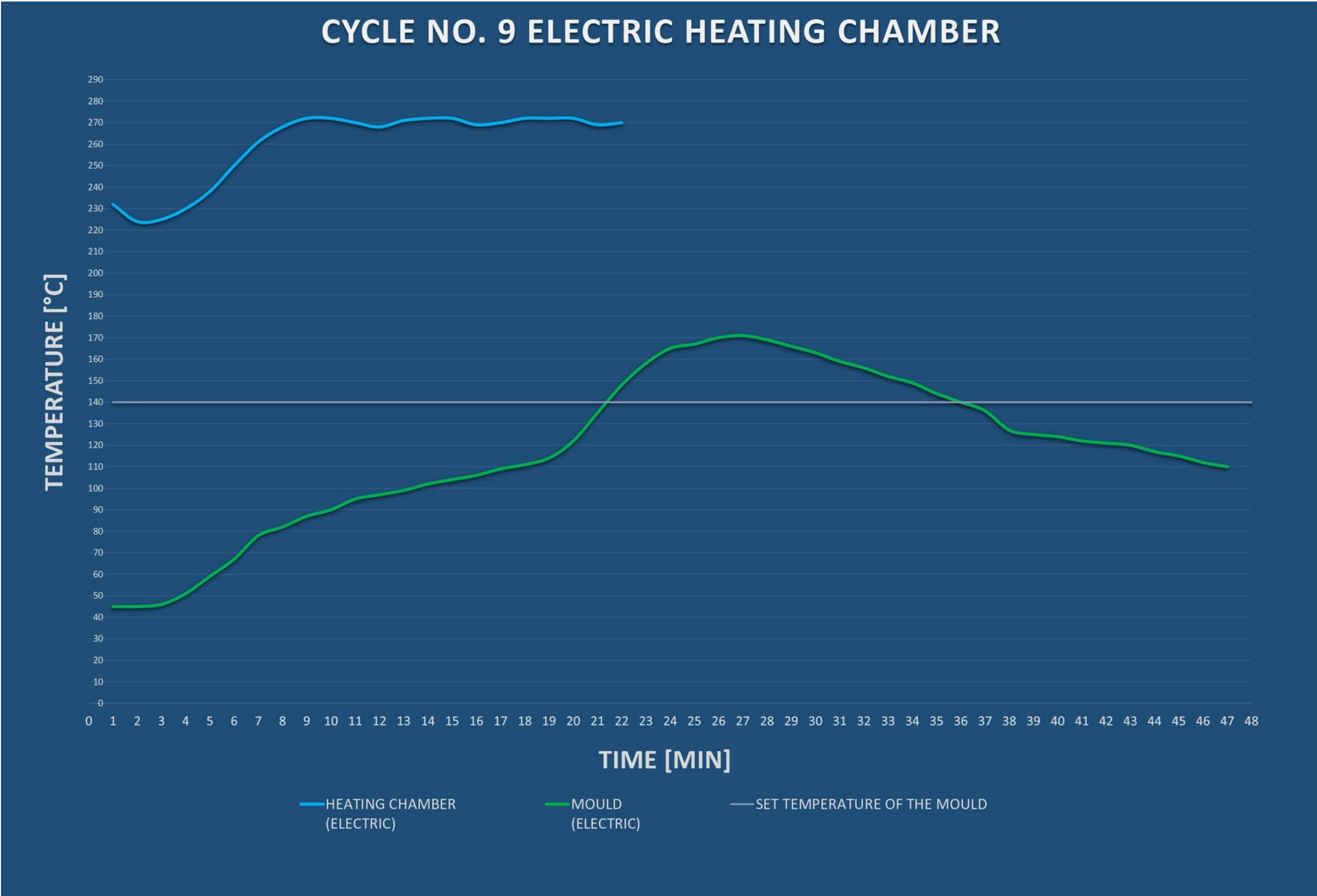


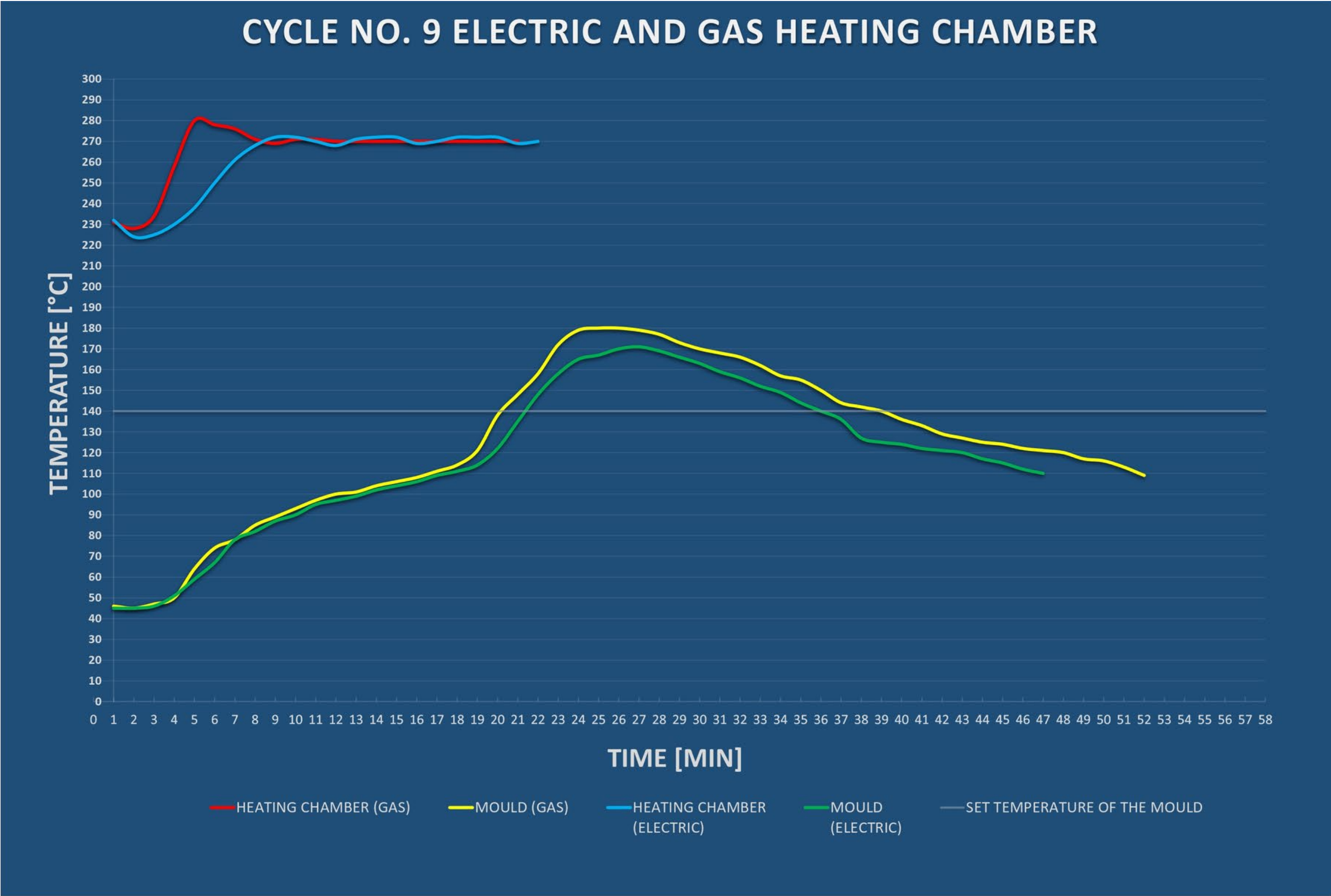
CYCLE NO. 9 DATA ON THE TOOLS USED							
TYPE OF HEATING DEVICE	HEATING POWER	ARM TYPE	USED ALUMINIUM MOULDS	TOTAL FILLING WEIGHT	PRODUCT WALL THICKNESS [mm]	SET TEMPERATURE INSIDE THE MOLD	SET TEMPERATURE INSIDE THE HEATING CHAMBER
GAS BURNER	405 kW	STRAIGHT + SPIDERS	SMALL, LARGE BOX	17,8 KG	6	140°C	270°C
ELECTRICAL HEATERS	320 kW	STRAIGHT + SPIDERS	SMALL, LARGE BOX	17,8 KG	6	140°C	270°C



Product thickness = 6 m m





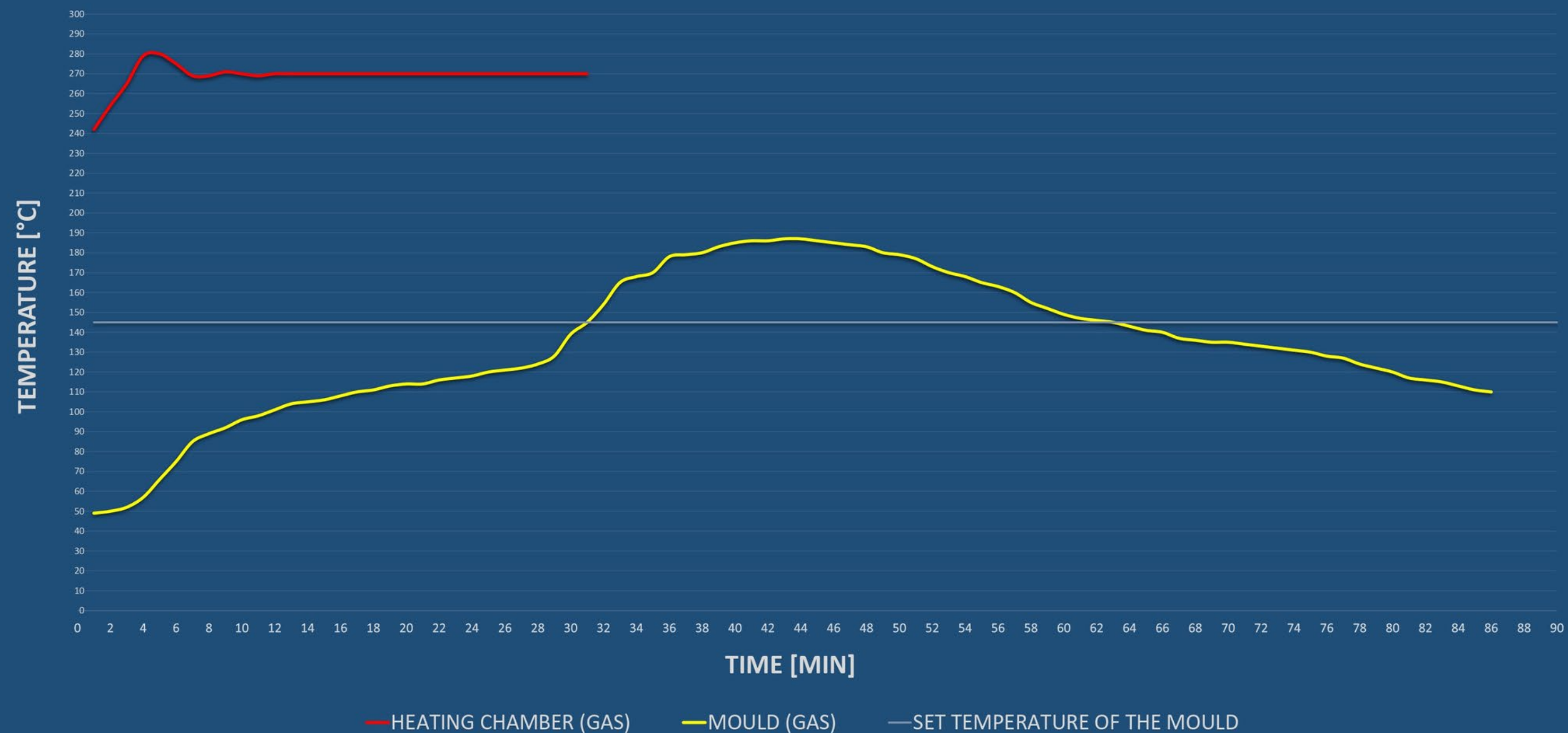


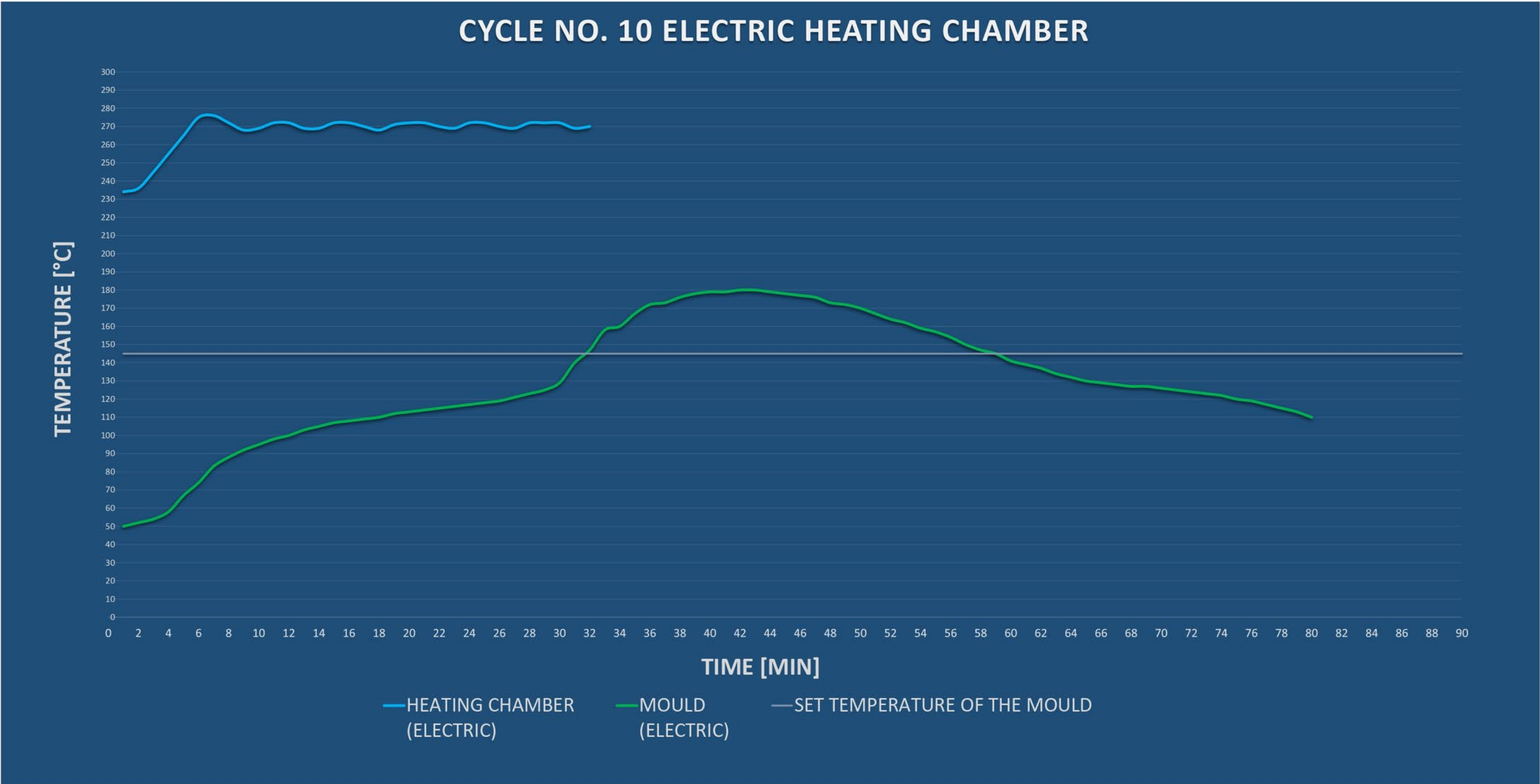
CYCLE NO. 10 DATA ON THE TOOLS USED							
TYPE OF HEATING DEVICE	HEATING POWER	ARM TYPE	USED ALUMINIUM MOULDS	TOTAL FILLING WEIGHT	PRODUCT WALL THICKNESS [mm]	SET TEMPERATURE INSIDE THE MOLD	SET TEMPERATURE INSIDE THE HEATING CHAMBER
GAS BURNER	405 kW	OFF SET	BIG WELL	48 KG	10	145°C	270°C
ELECTRICAL HEATERS	320 kW	OFF SET	BIG WELL	48 KG	10	145°C	270°C

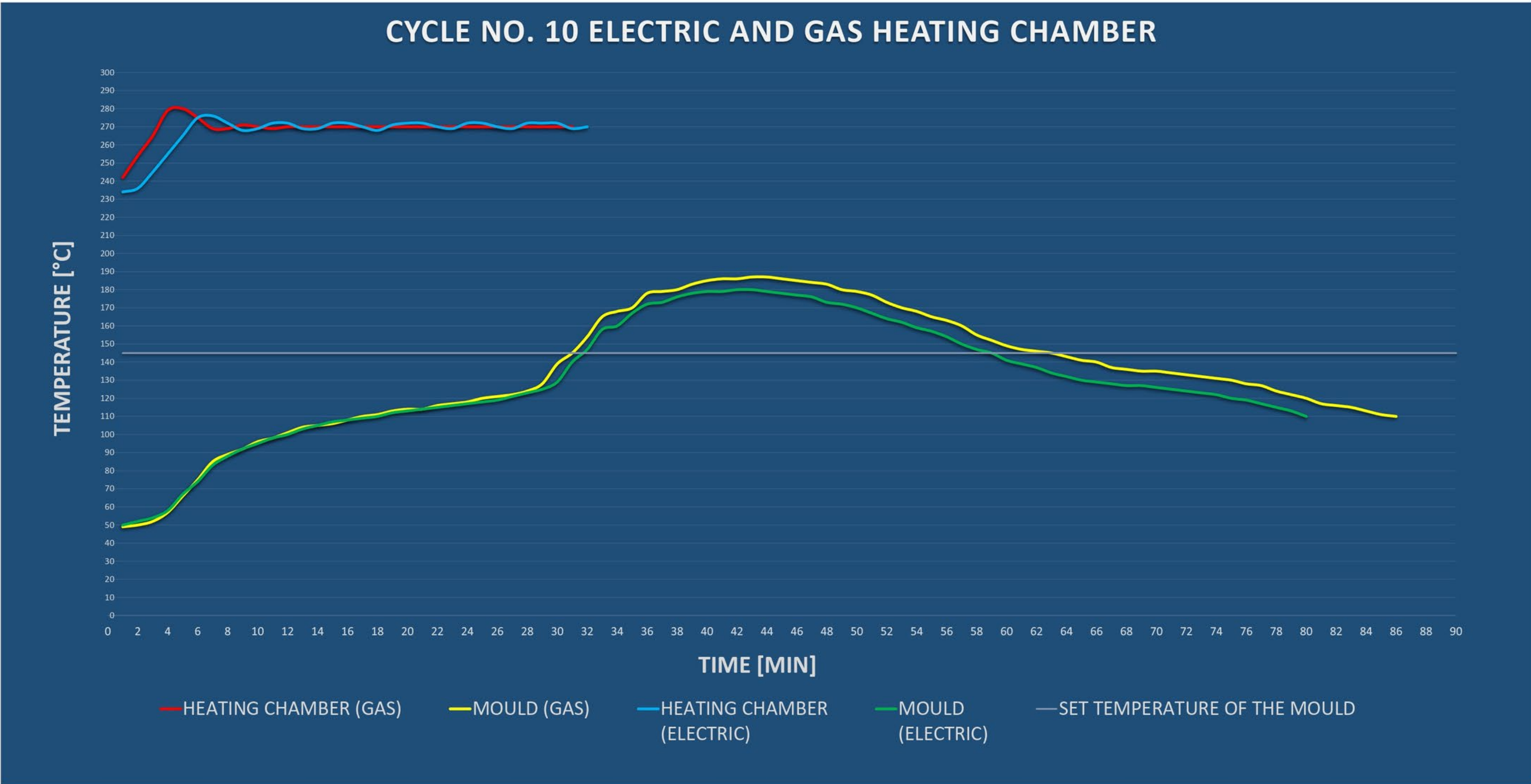


Product thickness = 10 m m

CYCLE NO. 10 GAS HEATING CHAMBER







ENERGY COST PER kWh (PRICE IN OREX ROTOMOULDING)

TECHNICAL PROPANE = 0,32 PLN

ELECTRICITY = 0,80 PLN

CYCLE NO. 9 TEST RESULTS						
TYPE OF HEATING DEVICE	HEATING POWER	HEATING CYCLE TIME [min]	TOTAL CYCLE TIME [min]	GAS CONSUMPTION [m ³] (26 kWh/m ³)	ENERGY HEATING CONSUMPTION [kWh]	ESTIMATED PRODUCTION COST [PLN]
GAS BURNER	405 kW	21	52	2,32	60,32	19,3
ELECTRICAL HEATERS	320 kW	22	47		58	46,4

CYCLE NO. 10 TEST RESULTS						
TYPE OF HEATING DEVICE	HEATING POWER	HEATING CYCLE TIME [min]	TOTAL CYCLE TIME [min]	GAS CONSUMPTION [m ³] (26 kWh/m ³)	ENERGY HEATING CONSUMPTION [kWh]	ESTIMATED PRODUCTION COST [PLN]
GAS BURNER	405 kW	30	86	2,8	72,8	23,29
ELECTRICAL HEATERS	320 kW	31	80		70,5	56,4



OREX® 30 years
ROTOMOULDING MACHINES