primus®

FX LINE OF WASHER-EXTRACTORS WITH

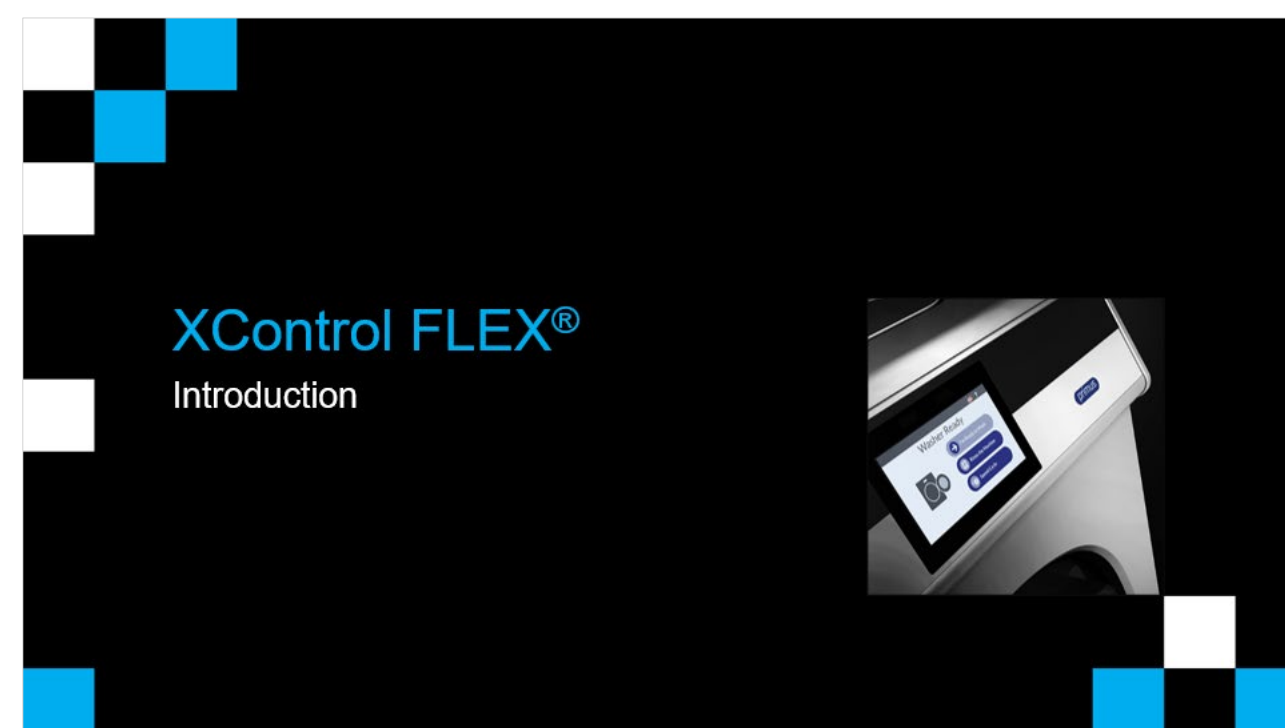# XCONTROL FLEX® PLATFORM

April 2021

GET AHEAD IN LAUNDRY

Disclaimer

IMPORTANT NOTICE

This is a global presentation. Certain markets can be excluded from access to the products & technologies described in this presentation.

Contact your Alliance Regional Sales Manager for more information.

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GET AHEAD IN LAUNDRY

XControl FLEX®

Introduction

XControl FLEX® control platform

- **The most intuitive control in the commercial laundry industry**

  - *XControl FLEX® is a ground-breaking touch control platform featuring an enhanced customer experience as well as a number of brand-new functionalities through cloud in terms of connectivity and data accessibility.*

  - *Thanks to the large 7" touch screen, XControl FLEX® aims to be one of the most intuitive controls in the commercial laundry*

- **XControl FLEX® comes to market in 2 versions**

✕CONTROL FLEX	*XControl FLEX®* is the touch control version for **Vend**-applications, featuring easy to use, easy to understand directions with profitable cycle modifiers enhancing customers' experience and increase return on investment
✕CONTROL FLEX	*XControl FLEX®* **Plus** is the touch control version for **OPL**-applications, featuring an enhanced customer experience for users as well as a new connectivity and data-accessibility functionalities through cloud for laundry managers
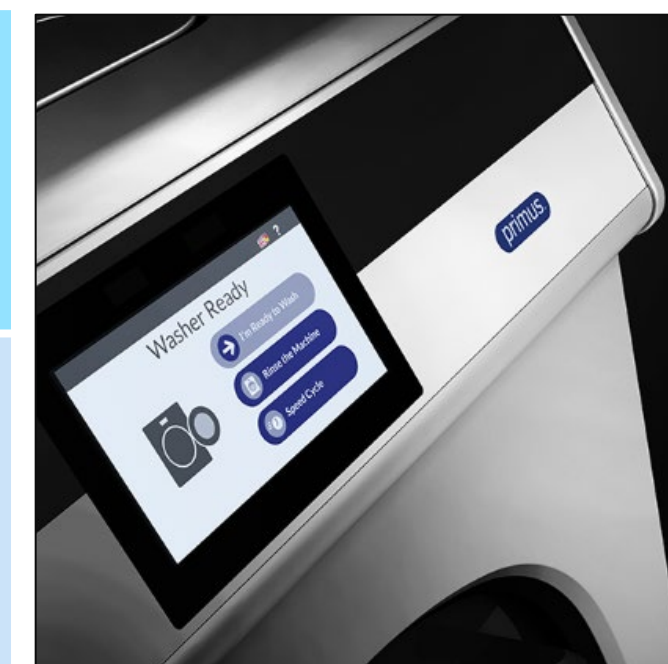
XControl FLEX® control platform

- **All new generation of control platform**

  - Attractive touch technology bringing new experience to users

  - Intuitive and fast for operators / more detailed settings and wider connectivity for laundry managers and owners

  - Design of GUI* vetted by end users in various regions all over the world

- **Primus family**

  - Control unification for FX washing machines (CZ) and DR tumblers (US)

  - Common networking for perfect laundry management through the Primus i-Trace dashboard

  - One common Primus DNA colors and GUI* used for FX65-280 as well as for DX tumblers (DX13-DX34)

- **Futureproof networking**

  - IPv6 WiFi addressing makes networking futureproof

  - IPv4 still included

  - No need to reinvest

GUI = Graphical User Interface

Product View

FX105 with XControl FLEX   FX105 with XControl FLEX Plus

Availability

Washer	CONTROL FLEX — VEND	CONTROL FLEX+ — OPL
FX65	✔	✔
FX80	✔	✔
FX105	✔	✔
FX135	✔	✔
FX180	✔	✔
FX240	✔	✔
FX280	✔	✔

* Situation March 2021

primus

Dimensions

- **XControl / XControl+ version:**
  - ✓ *No changes*

- **XControl FLEX / XControl FLEX Plus version:**
  - ✓ *Height has been increased by 20 mm*
  - ✓ *No changes for other dimensions*

20 mm

XControl / XControl+

XControl Flex / XControl FLEX Plus

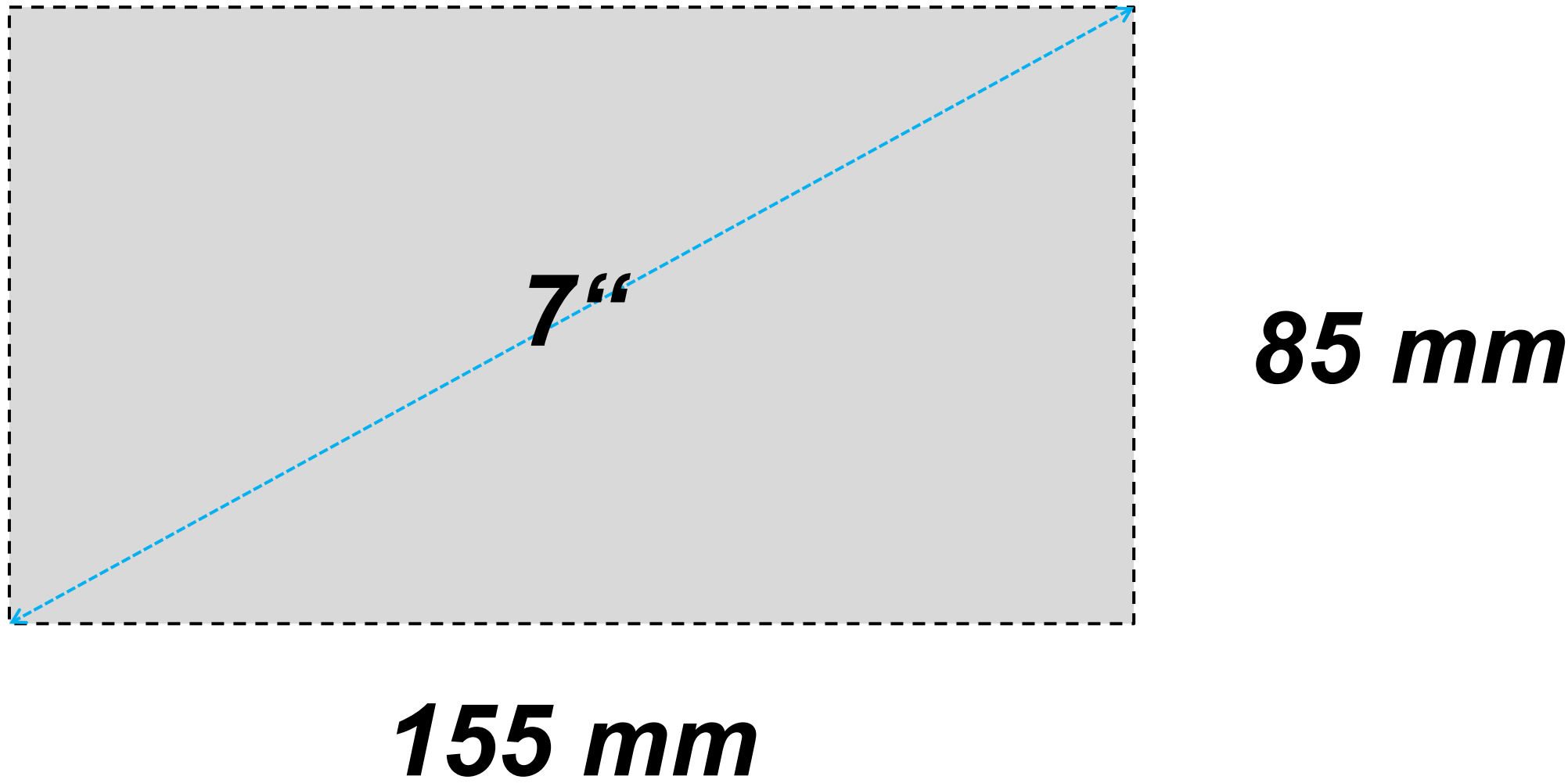| HxWxD		FX65	FX80	FX105	FX135	FX180	FX240	FX280
Xcontrol and Xcontrol +	(mm)	1115×710 ×740	1115×710 ×790	1225×795×795	1225×795×945	1410×970×970	1410×970×1105	1410×970×1185
Xcontrol FLEX / Xcontrol FLEX Plus	(mm)	1135×710×740	1135×710×790	1245×795×795	1245×795×945	1430×970×970	1430×970×1105	1430×970×1185

Controls overview for FX Washers

Type	"Button"	"Touch"
Vend	XControl "networked" *	XControl FLEX
OPL	Xcontrol + (Dual Digital Control)	XControl FLEX Plus

* Xcontrol "networked": tumbler can be equipped with an additional network board, allowing data to be transferred to Primus i-Trace dashboard

XControl FLEX Screen Specs

Control size	7" diagonal - *(14,8% larger then iPhone 11)*	5" diagonal
Resolution	1024 x 600 (WSVGA)	800 x 480
Luminance (brightness)	1000 nits (cd/m^2) *(625 cd/m2 for iPhone 11)*	
Colors	+16 million colors *(Equal to Samsung S9)*	
Viewing angle	180° viewing angle *(High viewing angle for perfect readability)*	
Communication	USB, WiFi and Serial Payment (Alliance Proprietary)	
Chemical resistance	Passed over 25 selected chemical substances *(Coffee, juice, acetone,gasoline, vinegar,..)*	
Touch Technology	Capacitive *(like all smartphones)*	

7"

85 mm

155 mm

Program Library

	VEND	OPL
Standard programmes	15	20
Total memory capacity	15	99

	XC Flex Vend	XC Flex + OPL	Temperature
1	Colors	Bright intens.	30°C
2	Whites	Color intens.	30-40°C
3	Mix	Warm 60° intens.	30-60°C
4	Woolens	Hot 90° intens.	30-90°C
5	Delicates	Bright wash	30°C
6	Bedding	Color wash	40°C
7	Hot Wash	Warm 60° wash	60°C
8	Warm Wash	Woolens	15°C
9	Cotton	Low spin	-
10	High Spin Speed	High spin	-
11	Pre-Clean	Eco bright	30°C
12	"Custom cycle"	Eco color	40°C
13	(hidden)	Eco warm 60°	60°C
14	(hidden)	Eco hot 90°	90°C
15	(hidden)	Hot 90° wash	90°C
16	-	Sport garments	
17	-	Mops	
18	-	Horse blankets	
19	-	Jeans	
20	-	Starching	

* Hidden for EU market

Improvements in Bundle with XControl FLEX

**Embossed top panel
(all capacities for higher rigidity)**

Proximity sensor

**Attractive and
initutive 7" touch
control with swipe
function**

**Increased height
(+ 20mm)**

IEC approved components

**Larger coin box
(also for 65-135 L
in coin version)**

**Embossed side panels
(all capacities for higher rigidity)**

New door lock

IEC Components

- FX65-280 with XControl FLEX programmer is IEC (Electro-Technical Commision) complied

- Safety class B achieved (equal to more strict home appliances group of products)

- Increased safety level:
  - ✓ Motor -> internal over-heat protection
  - ✓ Door lock -> water level switch (mechanical + software protection)

Approvals

- CE
  - CE logo on the serial plate
- EAC
  - Russia, Belarus, Kyrgyzstan, Armenia, Kazakhstan
- Water approval
  - WRAS approved components
- No certification
  - Without any logo of approvals

(Selection out of 3 available approval types)

XControl FLEX®

Common features for VEND & OPL

Approach Screen

Approach screen XControl FLEX

Approach screen XControl FLEX Plus

- **New customizable "Approach screen"**

  ✓ *Adjust the first screen according to your local needs!*

- **Customizable to your needs:**

  ✓ *Enable / Disable „approach screen"*

  ✓ *Enable / Disable pre-selected „Speed cycle" on the approach screen*

  ✓ *Enable / Disable „Rinse the machine" function on the approach screen*

VEND ONLY
- **Speed cycle:** *Automatically shortening lenghth of programs to save users time in case of need (very lighlty soiled linen)*
- **Rinse the machine:** *Hygienic quick rinse of the drum before start to remove any residue before adding own laundry (very common in Asia)*

Language & Help Menu
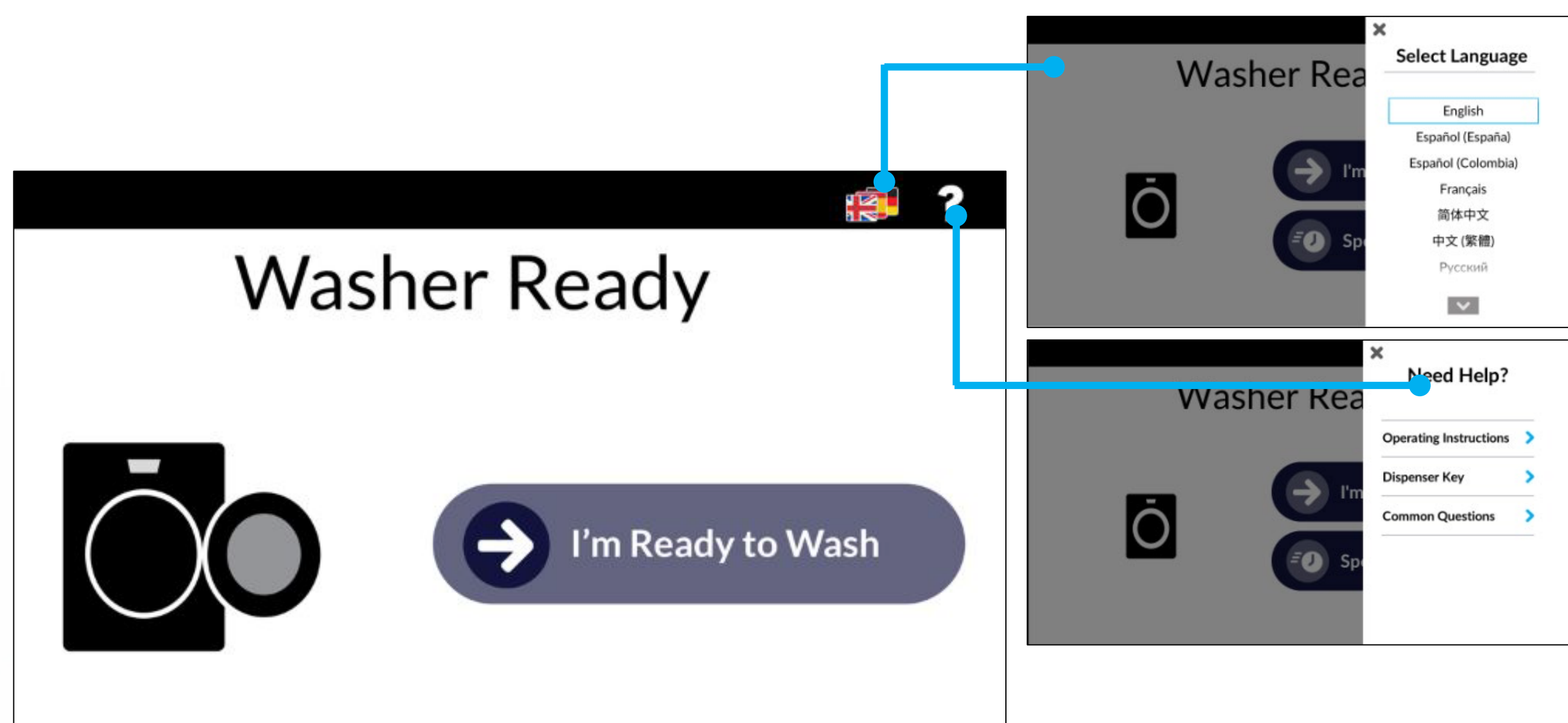
Direct language selection
- ✓ 34 languages available
- ✓ Instant full translation of all texts* from end-user menu

Help menu
- ✓ Access to helpful info for non-skilled operators
- ✓ Operating instructions guiding users step by step
- ✓ Dispenser key showing legend to soap hopper baskets
- ✓ Common questions
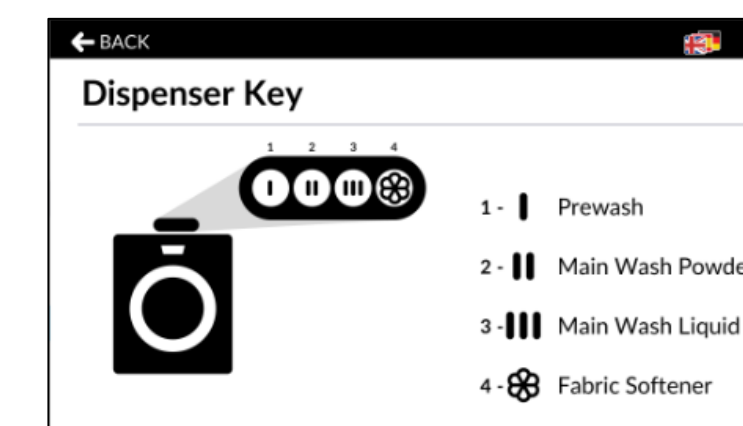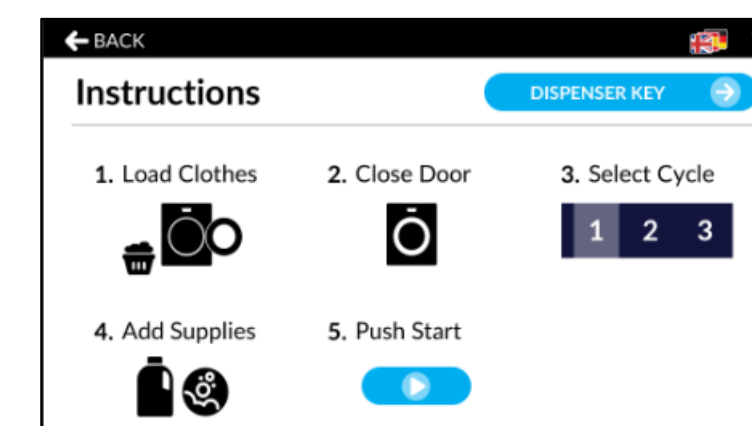
* Valid for Vend version

Settings / Advance Menu

- **Full Text Manual Programming**

- **Improved Diagnostics:**
  - ✓ Audit Data (new to „***.json" file format)
  - ✓ Error log w/ Time and Date Stamps, including cycle number and step
  - ✓ Diagnostic Cycles
  - ✓ Individual Testing of Components
  - ✓ Input/Output Menu:
    - o Digital & Analog Input & Output Monitoring
    - o Manual Output Enabling

- **Service schedule**
  - ✓ Fully texted reminders for daily / monthly / yearly machines´ maintenance

GET AHEAD IN LAUNDRY

Languages

- **34 available languages as standard**

  - 7 all new languages for selection

  - More languages for customers to select for better and easier interaction

  - Chinese, Japanese and Korean language no longer in separate software version

  - Slovak and Bulgarian now also fully translated in advanance & service menu

- **Simple selection by 1 button from main screen (for Vend)**

  - Instant language change to attract foreign users in laundromats

	English		Hungarian		Romanian
	Bulgarian		Indonesian		Russian
	Chinese (Simplified)		Italian		Slovak
	Chinese (Traditional)		Japanese (Standard)		Slovenian
	Croatian		Korean		Spanish (European)
	Czech		Latvian		Spanish (Columbian)
	Danish		Lithuanian		Swedish
	Dutch		Malaysian		Thai
	Finnish		Norwegian		Turkish
	French		Polish		Vietnamese
	German		Portuguese (European)		
	Greek		Portuguese (Brazilian)		

New compared to Xcontrol („button" version)

Wireless Communication

- **Build-in WiFi antenna as standard**
  - ✓ *Offering remote support & services from anywhere at any time: stay connected!*
  - ✓ *Remotely reset / reboot of machines; programming (cycle or price change); error reading, etc.*
  - ✓ *Cloud services*
  - ✓ *Mobile apps*

- **OTA updates**
  - ✓ *Machine allows wireless update of firmware called OTA (Over the Air) well known from cell phones*
  - ✓ *Automatically checks latest firmware release*
  - ✓ *For full functionality internet connection is needed*

- **Cloud based networking**
  - ✓ *Remote control of laundry (OPL or Vend) as powerfull tool to increase efficiency of laundry business*
  - ✓ *Available managment systems:*
    - o **Wash.IT** *– for coin laundries allowing mobile payments and works in combination also with central payment systems (Comestero, Inzacard, LM Control)*
    - o **iTrace –** *for coin and OPL laundry - allowing mobile payment and works with Alliance in-house developed Payment Center for coin*

XControl FLEX®

Features for VEND

VEND only – Primary Investor GUI Design Goal

Language selection icon

Washer availability indicators

FAQ (Frequently Asked Questions)

1

Swipe scrolling of available programs
(left ⟵ ⟶ right)

Large price and cycle time indicator

Detailed descriptions of each cycle option (for vend)

2

Cycle modifier prompts

Price and cycle time updates as modifiers selected

Extra cost and added time per modifier

(Vend)

3

Large cycle countdown

Step-by-step cycle status

4

VEND: Payment Methods

- **Flexible payment methods:**
  - ✓ Coin (mechanical / electronic coin meter)
  - ✓ Card
  - ✓ Cell phone
  - ✓ Bill
  - ✓ Kiosk (Central payment system)

- **Time pricing & Promotions**
  - ✓ Programmable 8 different prices for different days and time to boost week days and hours
  - ✓ New „Lucky cycle" feature

- **All new „cycle" modifiers available**
  - ✓ Brigning extra possibility for customers to adjust program according to their actual needs for extra fee
  - ✓ Higher revenue for coin stores´ owners
  - ✓ 6 cycle modifiers in total plus 2 as bundle available for selection
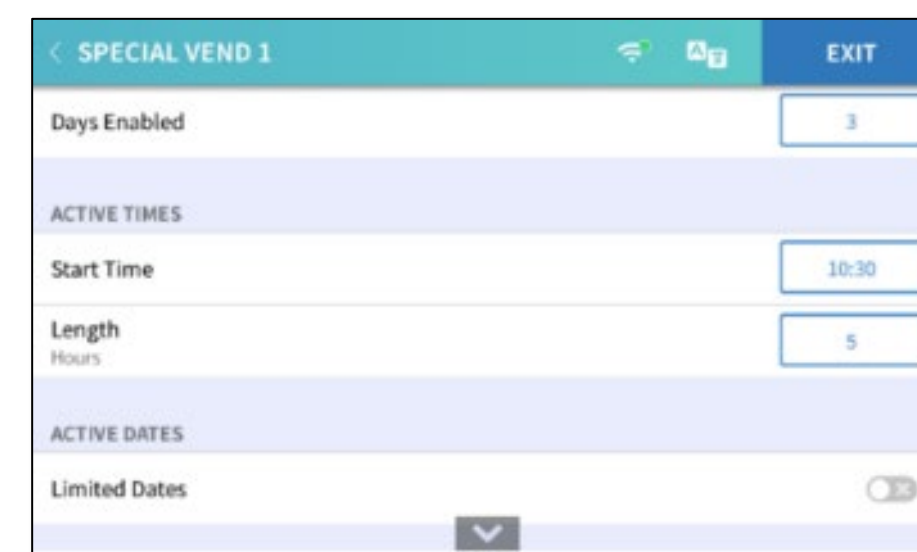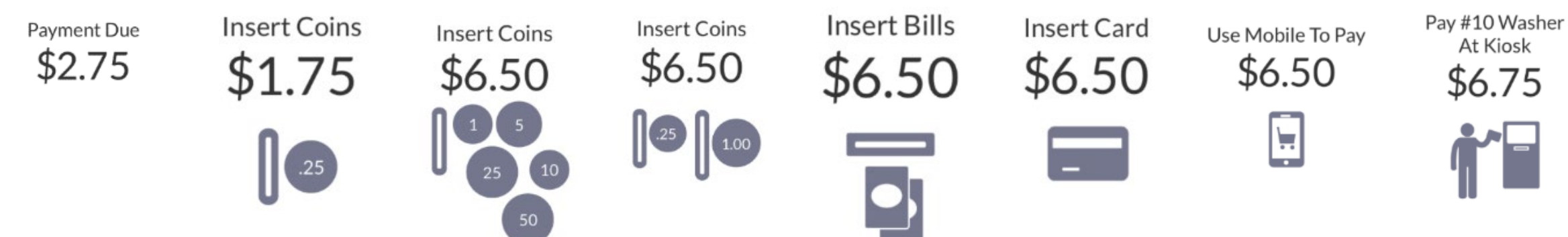
Lucky Cycle & Modifiers

- **Lucky cycle***

  - ✓ *The Lucky Cycle option allows the owner to program the machine to provide a free or reduced vend cycle to users after a programmed number of machine cycles have occurred or on certain dates and times*

- **Added feature of all new "Cycle modifiers"***

  - ✓ *Modifiers can be enabled / disabled*

  - ✓ *Extra flexibility for users if needed = extra revenue for coin Laundry owners if used (long-time testing showed 15-20% revenue increase in average**)*

  - ✓ *6 single modifiers available:*
    - o *Dispense Soap*
    - o *Water Level*
    - o *Extra Time*
    - o *Extra Rinse*
    - o *Spin Speed*
    - o *Speed Cycle*

  - ✓ *2 bundles available w/ variable content:*
    - o *„Bundle 1" (Medium / Deluxe)*
   - o *„Bundle 2" (Heavy / Ultra)*

* For Vend
** Field testing in USA

Other Extra Features

- **Plus many other features and modes giving unrivaled flexibility like:**

  - ✓ ***Drop Off Mode –*** *allows the owner to limit machine use to an attendant without requiring vend. The attendant accesses the machine by entering the programmed Drop Off Passcode*

  - ✓ ***Lockout Mode -*** *prevents the machine from being used except by a particular user who has reserved the machine in advance. If a user pays or reserves a machine from a kiosk or central pay system, the machine enters Lockout Mode and the user is given a passcode to unlock the reserved machine. This guarantees that the user does not need to wait for an available machine or risk that the selected machine is taken after vend is added*

  - ✓ ***Auto-Flush Mode -*** *used to periodically clean out the basket and dispenser compartments. This option is programmable through a PC connection. The control enters Auto-Flush Mode on the programmed day and time after the programmed number of cycles have occurred*

  - ✓ ***Shutdown Mode -*** *allows the owner to program the machine to enter Shutdown Mode for a certain time and date range. The control remains in Shutdown Mode until the end date and time set in programming*

  - ✓ ***Cycle Completed Timer -*** *a timer begins counting up in the Cycle Complete Menu since the cycle ended*
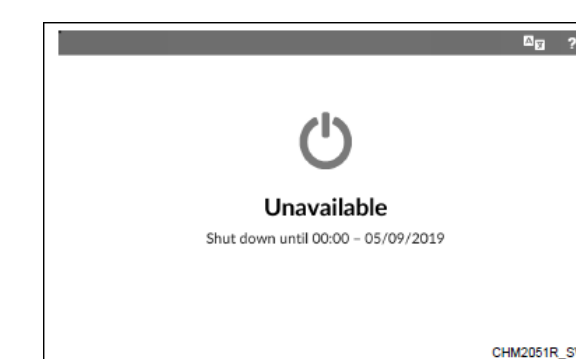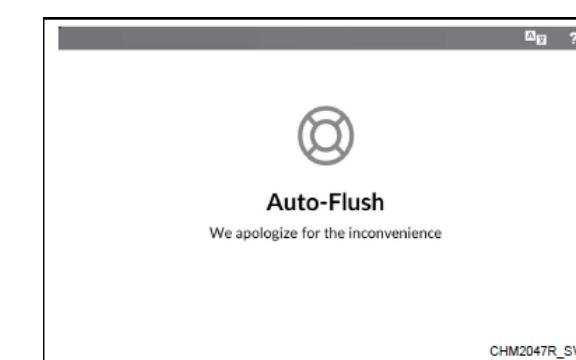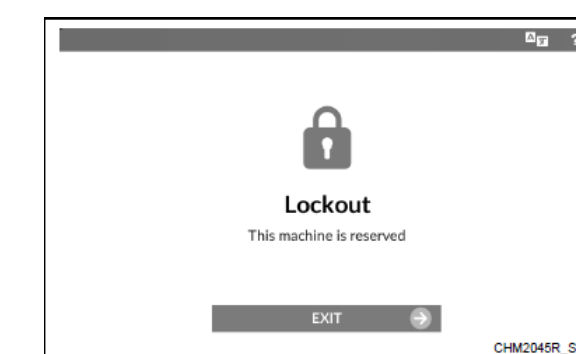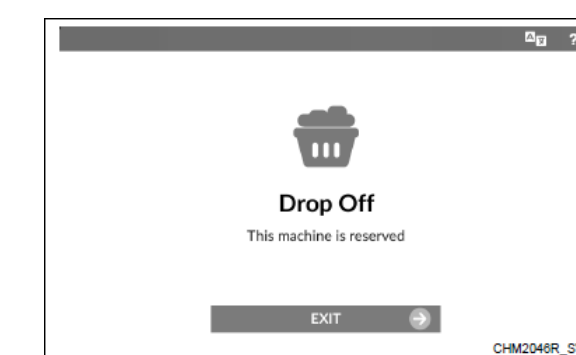
VEND Interactive simulator:

Click to open
the simulator

XControl FLEX®

Features for OPL

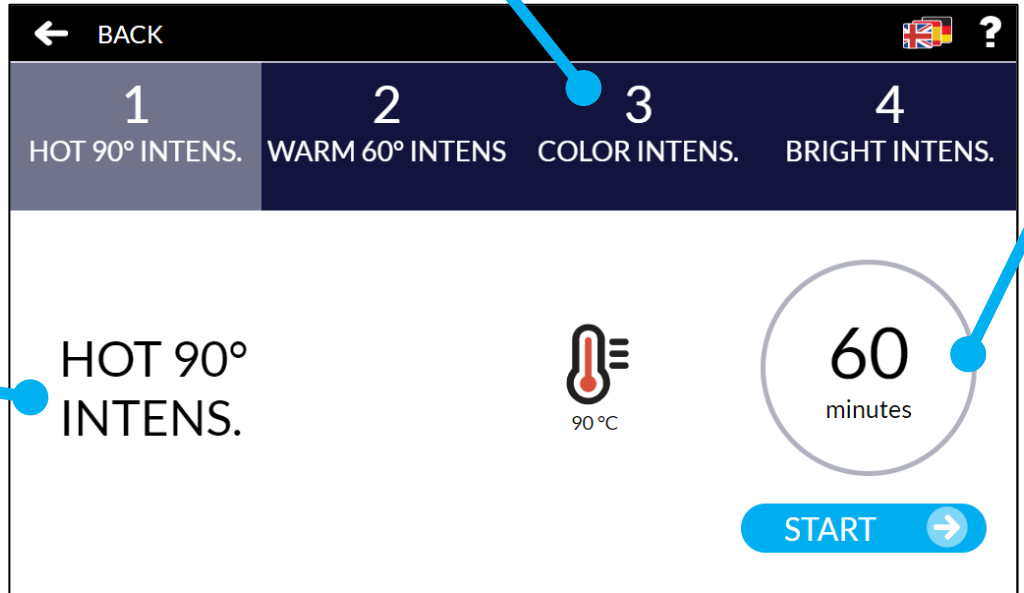# OPL only – Primary Investor GUI Design Goal

Language selection icon

Washer Ready

Washer availability indicators

I'm Ready to Wash

FAQ (Frequently Asked Questions)

1

Swipe scrolling of available programs
(left ⟵ ⟶ right)

BACK

1	2	3	4
HOT 90° INTENS.	WARM 60° INTENS	COLOR INTENS.	BRIGHT INTENS.

Cycle time indicator

Detailed descriptions of each cycle option (for vend)

HOT 90° INTENS.

90 °C

60 minutes

START

2

Large cycle countdown

Open Door
Please Remove Your Laundry

Completed
00:00:26 minutes

Cycle Complete

Step-by-step cycle status

3

Strict temperature control

Strict Temperature Control ensures that the fabrics are washed at same value as the programmed target temperature.

CHM1607R_SVG1

1. Strict Temperature Control
2. Temperature Calibration Offset
3. Water temperature
4. Target Temperature Calibration
5. Target Temperature Calibration: +9°F or +5°C
6. Target Temperature Calibration: -9°F or -5°C
7. Time
8. Offset adjustment
9. Normal Temperature Control
10. Strict Temperature Control

OPL - Additional features*

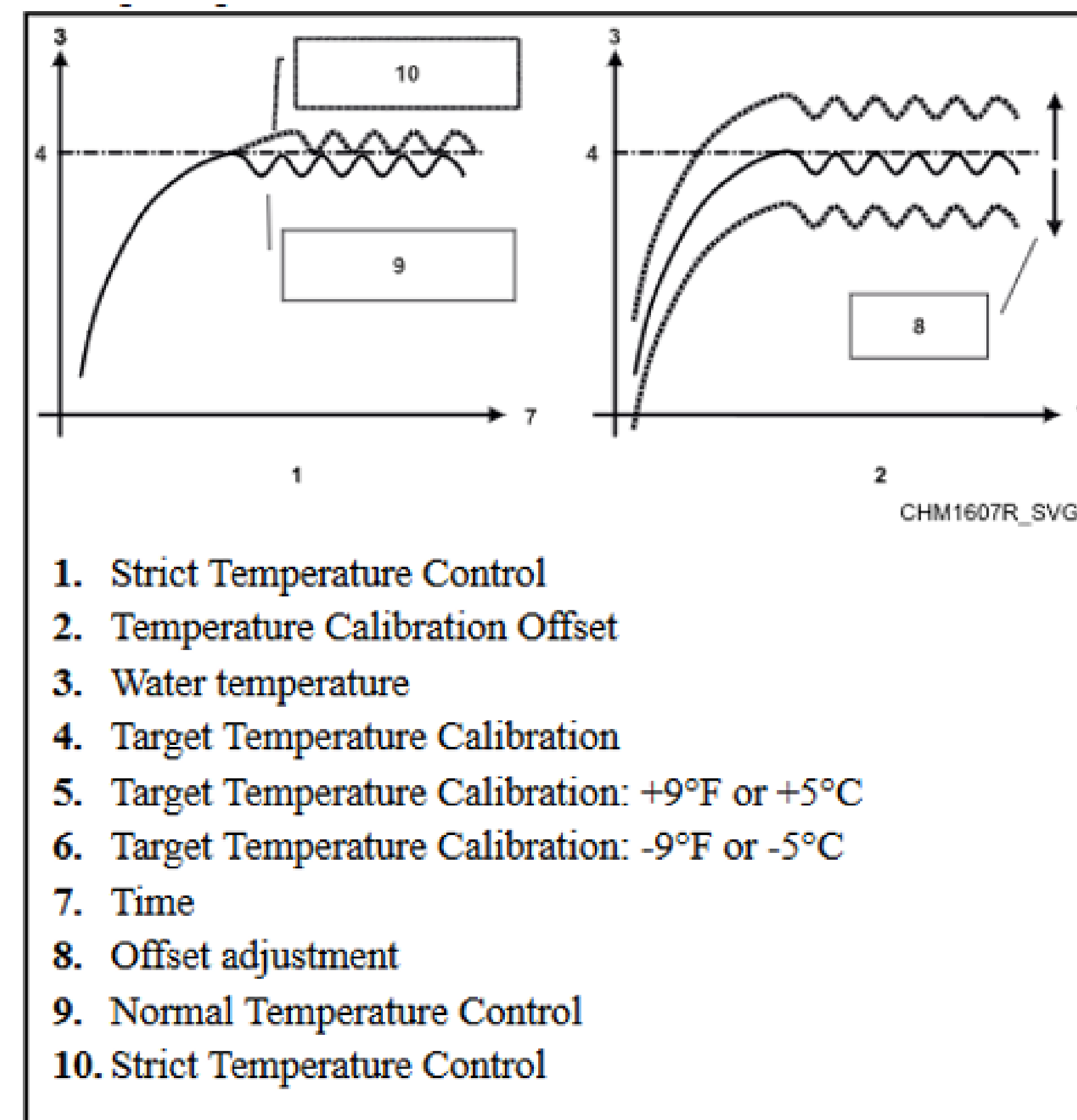|	
Pause button	Operator can pause a cycle if needed
Delayed start	Opeartor can delay start of cycle. Can be used before start of shifts to increase efficiency. Now set for certain date (MC7 as count down)
Automated service reminders	Pop up screen to remind service procedures. Regular maintenance means prolonged life span
Extra soap timing	When enabled, this feature allows the soap dispenser valves to open individually for the programmed time.
Strict temperature control	Strict Temperature Control ensures that the fabrics are washed at same value as the programmed target temperature.
Weighing - SmartWAVe	Automatic weighing system by software, based on water absorption. Control can adjust water and time of liquid detergent dosing accordingly. Only available to IPSO
Batch entry	Tracking of customers´ linen on Management software
Hygienic water level	This option activates the mode of more accurate checks of the required water level during the washing procedure
Temperature calibration offset	By changing the Temperature Calibration Offset value the water temperature sensor value is adjusted so that it gets equal with the value of an external reference temperature sensor.
Water leak detection error	Software detection of possibly clogged or damaged drain valve
Slow drain detection error	Software detection of possibly clogged or damaged drain valve
Temperature - time verification	Indicator of reached and maintained temperature during wash cycle. Extra first sight proof of hygienic washing

* Disclaimer: these features are to be made available on your washer by your local Primus Partner through software releases. Please contact your local Primus Partner for full details.

OPL Interactive simulator:

Click to open
the simulator

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