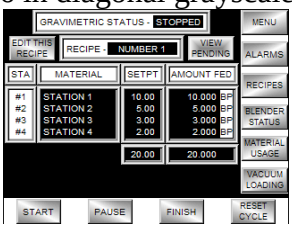
# FDP-VII WEIGH PROCESSOR

Foremost Model FDP-VII-AT1 Digital Weight Processor for fully automatic operation of an Accutrac blender complete with:

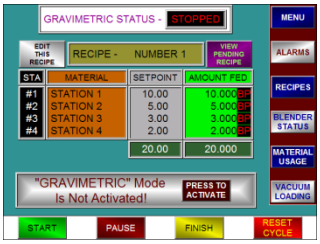
- 110 volt/1 phase/60 Hz operation
- 24 VDC I/O (110 VAC Optional)
- 6 in diagonal grayscale* LCD backlit display
- 

- 5.7" STN Display
  15 Shades of gray
  320 x 240 Screen Resolution (QVGA)
  150 nits
  0.36 x 0.36 mm Dot Pitch
  50,000 hr Backlight (Average Half Life)
  1024 x 1024 Touch Resolution
  32 bit RISC CPU (333MHz)
  32 MB System Memory (SDRAM)
  32 MB Flash Memory
  256 KB Battery-Backed Memory (SRAM)
  10 MB Available User Memory
  Real-time clock
  Battery-Backed Calendar (Day/Month/Year)
  Programmable Screen Saver
  RS-232C/422/485 Serial PLC Interface
  USB Port Type A
  USB Port Type B
  Power Consumption 9W @ 24 VDC
  Optional AC Power Supply
  NEMA 4/4X (IP-65) Enclosure
  Agency Approvals UL, cUL, CE
- Touch Screen control with operator friendly, menu driven, graphical interface
- Controls up to six blending stations
- Automatic, Pushbutton calibration
- High resolution, constant weighing with AFT (Automatic Fine Tuning)
- Continuous display of all ingredient and total process setpoints and performance
- “On-the-fly” changes to setpoints and operating parameters and access to all information and recipe building screens without interruption of running process
- On board recipe storage (up to 90 recipes) with ingredient naming
- Inventory control accumulation data stored and displayed for each ingredient
- Gravimetric/volumetric modes of operation
- Ingredient setpoints by percentage
- Alarm log
- Optional integrated loading/unloading system controls (Up to 2 pumps and 8 loading stations)
- User Selectable operating parameters including “SkipStation”** technology

* Optional standard displays are 6” Color and 8” Color, larger displays available on request.
** SkipStation technology allows an ingredient to be skipped in a batch if not available for feeding without affecting the ratios of the remaining ingredients to each other, commonly used for regrind and/or repel materials.

## OPTIONAL DISPLAYS:

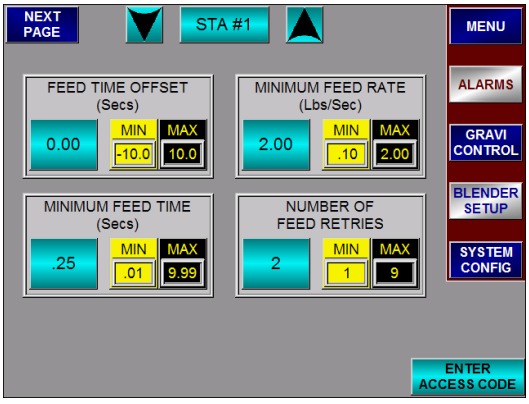
### 6” BASE COLOR STN DISPLAY




- 5.7" STN Display
  256 Colors
  320 x 240 Screen Resolution (QVGA)
  200 nits
  0.36 x 0.36 mm Dot Pitch
  50,000 Hour Backlight (Average Half Life)
  1024 x 1024 Touch Resolution
  32 bit RISC CPU (333MHz)
  32 MB System Memory (SDRAM)
  32 MB Flash Memory

256 KB Battery-Backed Memory (SRAM)
10 MB Available User Memory
Real-time clock
Battery-Backed Calendar (Day/Month/Year)
Programmable Screen Saver
RS-232C/422/485 Serial PLC Interface
USB Port Type A
USB Port Type B
Power Consumption 10W @ 24 VDC
Optional AC Power Supply
NEMA 4/4X (IP-65) Enclosure
Agency Approvals UL, cUL, CE

### 8” PREMIUM COLOR DISPLAY



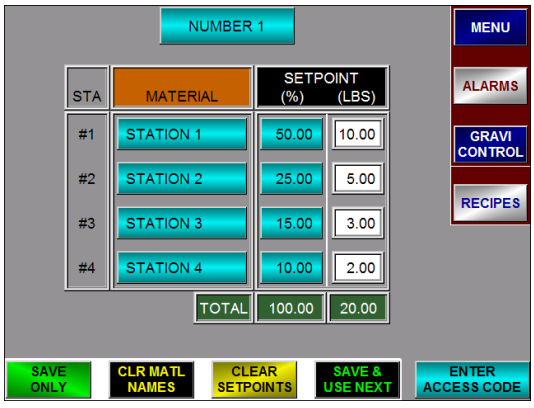
**- Specifications:**

8.4" TFT Display
65,536 Colors
640 x 480 Screen Resolution (VGA)
300 nits
0.267 x 0.267mm Dot Pitch
50,000 Hour Backlight (Average Half Life)
Replaceable Backlight Bulb
1024 x 1024 Touch Resolution
32 bit RISC CPU (400MHz)
32 MB System Memory (SDRAM)
32 MB Flash Memory
256 KB Battery-Backed Memory (SRAM)
10 MB Available User Memory
Real-time clock
Battery-Backed Calendar (Day/Month/Year)
Programmable Screen Saver
RS-232C/422/485 Serial PLC Interface
USB Port Type A
USB Port Type B
Ethernet Port
Audio Line Out
CF Card Slot (Built-in)
Optional Expansion Assembly (2nd CF Card Slot)
Power Consumption 15W @ 24 VDC
Optional AC Power Supply
NEMA 4/4X (IP-65) Enclosure
Agency Approvals UL, cUL, CE

**The FDP-VII-AT1 Blender Control can be equipped with the ability for remote control through a standard type browser window without any software requirements on the PC host side other than an HTML capable browser (i.e. Outlook, Firefox, etc.). IN ADDITION, Foremost offers a Modbus TCP interface that would allow SCADA connectivity with the ability to extract raw data for subsequent use. This would require some host programming for the necessary screens and tags at an additional programming cost.**

## NEW! Access your C-more Panel from your iPad®, iPhone®, or iPod touch®[2]

The C-more Remote Access feature now supports the iOS with the *C-more Remote HMI* 'App' for your iPad, iPhone(3G or later), or iPod touch. Simply configure the network settings in the panel project and connect the panel to a network. (This feature requires firmware version 2.73 or later to function.[1])





Control your machine or process from your mobile device as though you are physically in front of the C-more Panel (with 'Full Control mode'), or configure the settings for 'View Only', or 'View and Screen Change Only' for more presence sensitive projects. And remember, C-more supports password security at the object level, so you can limit access to certain controls even if the 'Full Control' access option is selected.
C-more Remote Access is also available on your PC, with our free browser based version.

## Download Now - Just $4.99

Download the C-more Remote App from the App Store℠[2] here

## Authorized users have the ability to remotely:

- Monitor and control screen operations of the C-more panel as if touching the panel itself
- Test and troubleshoot the C-more project
- The iPhone or apple Zoom feature allows the user to zoom in on specific objects or areas of the screen for viewing clarity
- Users can save jpeg screen captures (at any zoom level) to review, email and print if needed

## Multilevel Logon Security[3]

Three Remote Access user accounts can be configured and stored in the panel project. Each account allows up to five remote users to be connected simultaneously.

## Multilevel Access Control

Each account can be configured in one of the following levels of access:

- View Only
- View and allow Screen Change only
- Full Control

## Lockout/Tagout Functionality

Activation or Notification Tags provide an option for each account to have associated user configurable TAGS that allow the Panel project or PLC project to indicate that a remote user is connected, or to enable or disable the remote access feature. These tags can be used to activate alarms, events or notifications to alert local operators that a remote user is connected. The Disable/Enable TAGS can be assigned to a switch to allow local operators the ability to enable or disable the remote access feature for security or safety reasons.

**[1] Firmware updates are downloadable for authorized customers here.**

**[2] Apple, iPad, iPhone, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc.**

**[3] While C-more Remote Access is password protected, AutomationDirect strongly encourages the use of additional security measures (including - but not limited to - firewalls & VPNs) where appropriate and applicable.**

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