Power Express Module Function Codes

UNIT	FUNCTION CODE	DEFINITION
Inlet	**01**	Lane through (Bypass)
	06	Unlock the rack drawer. When this function is enabled, it causes the transfer arm to rise back up. The drawer is unlocked when it completes its upward travel. Use to recover after the **Stop** button or other reset leaves the gripper down over the rack area.
	54	Open gripper fingers while in the stopped position
	83	Set standard loading mode method rack and bin feeder
	84	Set independent loading mode method rack and bin feeder priority
	85	Set dedicated loading mode method rack and bin feeder priority
	95	Select loading mode: 0 - Enable standard loading mode method 1 - Enable independent loading mode method 2 - Enable dedicated loading mode method
	97	Enable or disable loading lanes: 0 - Enable both loading lanes. 1 - Disable the front Lane. Use the rear loading lane only. 2 - Disable the rear lane. Use the front loading lane only.
Bulk Inlet (Optional)	**01**	Lane through (Bypass)
	31	Enable cleaning procedure
	96	Tube Recovery – move tubes out of feeder transfer belt area of both bins to sample carriers on the track. Samples can either be manually removed or remain in the carriers to be processed down the line.
	97	Enable and disable loading bins/lanes: 0 - Enable both loading bins/lanes. 1 - Disable Bin 1 (front lane and right loading bin). Use the rear loading lane only. 2 - Disable Bin 2 (rear lane and left loading bin). Use the front loading lane only. 3 - Disable both the loading bins and the front and rear lanes but leave the track operational for adjoining modules.

Power Express Module Function Codes

UNIT	FUNCTION CODE	DEFINITION
Error Lane	**01**	Lane through (Bypass)
	04	Disable the carrier counting feature on the return lane to let empty carriers pass to the Inlet Unit.
	97	Enable or disable loading lanes: 0 - Enable both loading lanes 1 - Disable the front Lane. Use the rear loading lane only. 2 - Disable the rear lane. Use the front loading lane only.
	98	Enable or disable tube detection cameras: 0 - Enable both cameras. 1 - Disable the front lane camera. 2 - Disable the rear lane camera.

Power Express Module Function Codes

UNIT	FUNCTION CODE	DEFINITION
Centrifuge (Perform at D-Lane control panel)	**01**	Lane through (Bypass)
	54	Open gripper fingers while in the stopped position
	57	Release transfer arm z-axis power for error recovery
	80	Manual centrifugation
	81	Set centrifuge duration (This function is equivalent to entering the value directly at the Centrifuge control panel without the use of a function code.)
	82	Set Load Timeout
	84	Lane through for recovery
	85	Temperature error timeout

Power Express Module Function Codes

UNIT	FUNCTION CODE	DEFINITION
Decapper	**01**	Lane through (Bypass)
	97	Enabling and disabling Decapper heads. 0 - Enable both heads 1 - Disable head 1 2 - Disable head 2 3 - Disable both heads
Secondary Decapper	**01**	Lane through (Bypass)
	97	Enable/Disable Decapper 0 - Enable 1 - Disable

Power Express Module Function Codes

UNIT	FUNCTION CODE	DEFINITION
Level Detector	**01**	Lane through (Bypass)
	82	Set Load Timeout Parameter to start the measurement of red cell layer.
	91	Collect all sample tubes located downstream from BR01
Labeler	**01**	Lane through (Bypass)
	91	Collect all sample tubes located downstream from BR02
Aliquotter	**01**	Lane through (Bypass)
	31	Move tip nozzles toward the front of the module
	32	Move tip nozzles toward the back of the module
	97	Enable/Disable Aliquotter Drip Trays 0 – Enable 1 – Disable only drip tray A 2 – Disable only drip tray B Note: When disabling a drip tray, you must disable the corresponding Aliquot Nozzle in Line Control. Note: Disabled drip tray does not run and associated error is ignored. Contact your Beckman Coulter Field Service Engineer for assistance to disable drip trays

Power Express Module Function Codes

UNIT	FUNCTION CODE	DEFINITION
Direct Track Sampling – All DTS Modules	**01**	Lane through (Bypass)
	84	Lane through for recovery. Refer to the Module Lane Clear procedure for the conditions for using this code.
	91	Collect all sample tubes downstream from BR03. Refer to the Module Lane Clear procedure for the conditions for using this code.
	96	Recovery Mode (Collect all samples within the module). Refer to the Module Lane Clear procedure for the conditions for using this code.
Abbott i2000SR DTS Connection	**83**	Set STAT/Manual Load sample return alarm time.
	99	Set QC-Cal Loading mode.
Tosoh G8/G11 DTS Connection	**01**	Lane through (Bypass)
	54	Open gripper fingers while in the stopped position
	91	Recovery Mode (Collect sample at Aspiration Station). Refer to Tosoh G8/G11 Module Lane Clear for more information.
	95	Recovery Mode (Collect sample at Cap Detection Station). Recovery Mode (Collect sample at Aspiration Station). Refer to Tosoh G8/G11 Module Lane Clear for more information.
	96	Recovery Mode (collect all samples within the module). Recovery Mode (Collect sample at Aspiration Station). Refer to Tosoh G8/G11 Module Lane Clear for more information.

Power Express Module Function Codes

UNIT	FUNCTION CODE	DEFINITION
Rack Builder Common Code	**01**	Lane through (Bypass)
	54	Open gripper fingers while in the stopped position
	82	Set Load Timeout parameter. This sets the maximum time to wait after the last tube is placed into a rack before transferring to the analyzer.
	96	Recovery Mode (Collect all samples within the module). Refer to Module Lane Clear for more information.
AU5800/ AU5800XL Connection	**81**	Set Priority Timeout setting after the first position is filled. This sets the maximum time to wait after the first tube is placed into a rack before transferring to the analyzer.
	91	This applies only for the AU5800XL Connection, and only on V5.0 or later: Recovery Mode (Collect all samples returned from the analyzer). Refer to Module Lane Clear for more information.
	97	Enable/Disable Unload Arms 0 - Enable both 1 - Disable unload arm 1 2 - Disable unload arm 2
	98	Enable/Disable Bar code Reader 0 - Enable both 1 - Disable BR03 2 - Disable BR04
DxH Connection	**81**	Set Priority Timeout setting after the first position is filled. This sets the maximum time to wait after the first tube is placed into a rack before transferring to the analyzer.
	91	This applies only on V5.0 or later: Recovery Mode (Collect all samples returned from the analyzer). Refer to Module Lane Clear for more information.
	98	Enable/Disable Bar code Reader 0 - Enable both 1 - Disable BR01 2 - Disable BR02

Power Express Module Function Codes

UNIT	FUNCTION CODE	DEFINITION
Cobas 8000 Connection	**81**	Set Priority Timeout setting after the first position is filled. This sets the maximum time to wait after the first tube is placed into a rack before transferring to the analyzer.
	91	Recovery Mode (Collect all samples returned from analyzer). Refer to Module Lane Clear for more information.
Sysmex XN-9000 Connection	**57**	Disable the electromagnetic brake on the Loading and Unloading transfer arms Z-axis motors.

Important: Clear the area below the transfer arm before disabling the brake. The arm drops to its lowest position as soon as this function code is entered on the control panel.

Note: The electromagnetic brake engages when **Enter** 🔲 is selected. |

Power Express Module Function Codes

UNIT	FUNCTION CODE	DEFINITION
Recapper	**01**	Lane through (Bypass).
	97	Enabling and disabling Recapper heads. 0 - Enable both heads 1 - Disable head 1 2 - Disable head 2 3 - Disable both heads

Power Express Module Function Codes

UNIT	FUNCTION CODE	DEFINITION
Outlet	**01**	Lane through (Bypass)
	06	Unlock the rack drawer. When this function is enabled, it will cause the transfer arm to rise back up. The drawer will be unlocked when it completes its upward travel. Use to recover after the **Stop** button or other reset leaves the gripper down over the rack area.
	54	Open gripper fingers while in the stopped position

Power Express Module Function Codes

UNIT	FUNCTION CODE	DEFINITION
Storage	**01**	Lane through (Bypass)
	30	Move inside arms on all shelves to door side with grippers closed
	32	Release power to Z-Axis loading and retrieving arms to allow re-positioning for maintenance
	54	Open gripper fingers while in the stopped position