

# CHECKLIST for Nitro-Dispensers for Cocktails

Technical problems, fixable through the operator					Operator experience ID							
					E1	E2	E3	E4	E5	E6	E7	E8
Problem ID	Problem	Effect	toDO	Verification	Too much foam during dispense	Not enough foam during dispense	Liquid flowrate is too slow	No liquid is coming out anymore	Drinks are not cold enough	Leaking	Bad taste / Collapsing canister	Others
CP1	Pressure toggle switch OFF	No power built-up of the pneumatic circuit. -> No dispense happens, as the pumps runs on pneumatic pressure.	Switch pressure toggle switch in ON position	Dispensing becomes possible				X				
CP2	No electrical power	Without electrical power no cooling and no air compressor runs. -> No dispensing, no cooling	Check if power cord properly is plugged in. Check if any fuse trapped. Check whether the dispenser makes any noise.	You should hear some noises when opening the tap. (e.g. pump, air-compressor, cooling-compressor)				X				
CP3	Dispenser frozen	If temperature was not reduced during cleaning or dispense of non-alcoholic drinks, freezing can occur.	Disconnect from electrical power and let it sit to let the internal ice melt down. This can take up to 8 hours.	Dispensing is possible				X				
CP4	CPC adapter not connected	The CPC adapter of the intake line is not properly connected to the socket of the dispenser or canister.	Check the socket connections of intake line and reestablish connection.	Visual check if intake line socket connections are ok.				X				
CP5	Thermostat setup	The thermostat dial is not in its coldest setup position.	The thermostat dial in the dispenser front must be turned clockwise to 7.	When cooling compressor switches off, the second glass of 180 ml should be around 0 - 3°C					X			
CP6	High volume dispense	If there is high volume dispense in peak moments, the cooling compressor cannot cool down fast enough.	The canister connected to the dispenser must be pre cooled in a fridge. This reduces the required cooling energy for the dispenser.	In high volume nonstop dispense the cooling effect is only around 7°C between input and output.					X			
CP7	Intake filter clogged	Liquid flowrate too slow -> Mismatch of gas and liquid stream	Open and check intake filter	Target flowrate: 0.6 l/min (+/- 10%)	X		X	X				
CP8	Tap outlet nozzle clogged	Liquid flowrate too slow -> Mismatch of gas and liquid stream	Open and check nozzle. Try to tap without nozzle.	Target flowrate: 0.6 l/min (+/- 10%)	X		X	X				
CP9	Smaller air leak at intake line	Together with the liquid, air is sucked into the dispenser through a leak in intake line or canister lid. -> Mismatch of gas and liquid stream	Check all connections at intake line and in canister lid.	Visible check: There must not be any air bubbles sucked into the dispenser during dispense.	X		X	X				
CP10	Big air leak at intake line	Due to a loose connection at the intake line or canister lid, ambient air is sucked into the dispenser instead of product out of the canister.	Check all connections at intake line and in canister lid.	Visible check: There must not be any air bubbles sucked into the dispenser during dispense.				X				
CP11	Wrong setup at nitro rotary switch	The gas setup at the rotary switch is not ok any more. -> Mismatch of gas and liquid stream	Close rotary switch clockwise. Locknut has to be released. Then open carefully in small steps and check dispensing result Fix locknut when result is good.	Good dispensing result	X	X						
Note: Problem is not applicable on dispensers with Nitro toggle switch												

CP12	Recipe or glass issue	Ingredient based foam instability or detergent traces at glass border.	Instructions as in manual Chapter 3.4	Reference liquid could be used		X						
CP13	Recipe issue	Beverages with CO2	Instructions as in manual Chapter 3.4	Reference liquid could be used	X							
CP14	Tap valve not screwed in entirely	The valve is not in the end position. -> Liquid will spill out although tap is closed	Tighten tap valve to its end position.	No liquid must spill out when tap is closed.						X		
CP15	Leaking in terms of liquid spilling or dropping out.	Leaking from intake hose are probably due to a bad hose connection. Leaking at the coupler are probably caused through a damaged O-ring. Leaking from inside the machine require service technician.	Reestablish connections at the intake hoses. Check the O-ring from CPC couplers at intake line. A bad O-ring at a coupler can be the problem.	No leaking from intake hose or coupler must occur.						X		
CP16	No cleaning	Without regular cleaning, the quality of the drinks will suffer. The canister can collapse if the venting valve in the lid is not cleaned.	Apply cleaning procedure as described in manual chapter 5.4	After cleaning check smell / taste with pure water. There must NOT be any OFF taste.							X	
CP17	Canister venting valve blocked	Canister is collapsing as venting valve does not open when liquid is sucked out through the dispenser.	Regular cleaning of venting valve in canister lid is required to avoid this. See cleaning procedure in operation manual chapter 5.5	When venting valve is cleaned it will open when product is sucked from canister.							X	
CP18	Part damaged or broken	If parts are damaged those can be ordered through the website below.										X