

Installation Requirements for Vale-Tech Inovex ColourBlend, AquaBlend, and ATEX Systems

This document provides guidelines to assist in the smooth and effective installation of Vale-Tech Inovex standard ColourBlend, AquaBlend and ATEX systems.

Unpacking/Location.

Unpacking.

In most cases it is important that the packaging is not removed prior to the Vale-Tech Inovex engineer's arrival on-site, this is to allow for packaging damage inspection before installation. Do not unpack the dispenser unless authorised by a Vale-Tech Inovex representative.

Assistance.

On arrival the Vale-Tech engineer will often require a fork-lift truck and or a pallet truck to transport the unpacked parts to the installation location.

Location.

The floor area at the dispense head and hose box leg fixing points is required to be flat and even. The positioning of the dispense head, and in particular the weighing scale, should be such as to avoid excessive vibration from machinery and passing fork lift trucks etc. The scale accuracy can also be affected by air movement due to doorways, ventilation, and traffic, avoid positioning in such areas.

Temperature Considerations.

Temperature variation can affect both the scale accuracy and the ink viscosities, ideally locate the Dispenser within a temperature area. Plan for adequate access, (at least 1m) around the dispenser and any pumps fitted.

Required Services.

The following services are required and should be provided at the location of installation of the Dispenser prior to the installation date:

Air

ColourBlend and AquaBlend systems require 6.5Bar minimum at 12L/s, ATEX systems require 6.5Bar minimum at 16L/s clean dry air.

The air connection to the dispenser is a 12mm push fit pipe fitting. Clean, dry filtered air is essential for correct operation of the Dispenser. It is recommended that an air regulator and isolator are installed in-line with the supply to, and close to the dispenser, this should be supplied via a minimum diameter ½" bore pipe.

Water

Mains water supply terminated in ½" BSP Ball Valve close to the Dispenser.

Power

220V single phase 13Amps, or 115V single phase 13Amps AC.

Data Comms.

The preferred method for remote control/diagnostics to the Dispenser is via Internet based www.logmein.com or TeamViewer.

Floor Plans and Services Provision.

Floor Plans.

Floor plans or machine footprints are available prior to the install to allow for planning space utilization and service point locations.

Service Location and Installation.

All services should be installed at the location of installation of the dispenser prior to the arrival of the Vale-Tech Inovex engineer. Final connections to the machine should be made by site personnel – any additional equipment required should be supplied by site. Should the final location not be fully decided prior to the install, provision must be made for a works engineer to undertake this work during the install without hindrance to the Vale-Tech Inovex engineer.

Additional Tools.

An SDS drill is required if the dispenser is to be anchored to a concrete floor. A conventional mains drill may also be required for preparing the lids for the suction/dip tubes and attaching cable tray to walls or ceilings if necessary.

Regulations and Waste Ink.

It is the responsibility of the site occupier to ensure that all services provided comply with all regulations regarding safety and installation. It is the responsibility of the site occupier to ensure that the dispenser area(s) provided comply with local environmental, fire safety and health and safety standards and regulations. Particular notice should be given to spillage control.

Commissioning

All ink intended to be dispensed from the Dispenser should be present at the start of the install to allow sufficient time to set flow rates where applicable.

Installation Ink Usage.

Dispensers ideally require 100Kg+ but can be commissioned with less than 50Kg in a barrel. Depending on hose run lengths this may leave little dispensable stock. When dispensing from smaller quantities, (buckets for example) is planned, ensure notice is given to Vale-Tech Inovex beforehand.

Consumables.

A free supply of wipes/rags, suitable cleaner, and several empty containers will be required during commissioning. Setting valve flow rates will normally consume between 500g and 1Kg of ink per container/barrel, disposal of which is the responsibility of the site occupier.

Database Conversion.

Formulation databases will usually require conversion by our software department, please ensure the database is submitted to our engineers at least two weeks prior to the intended install date. Database conversion may not be possible on-site.

Ink Locations.

Give some thought to the locations of the inks within the dispenser prior to installation; consider usage, viscosity, and proximity of similar colours to determine where the ink will go.

Training

Time Frame.

Operator training should take place in the latter part of the second day of the install or first thing day three, providing the services and ink are ready on arrival.

Standard Training Time Provision.

Training is usually one full day (unless specifically requested otherwise). Training will be provided after the dispenser is installed, or a suitable point during the installation if essential. Training will be provided during normal working hours whenever possible. Training needs should be identified for personnel responsible for using the Dispenser, provision adequate time and availability for all personnel requiring training. It is vital that if the training is to be effective that the allocated time is uninterrupted. If further time or visits

to site are required due to the unavailability of persons to be trained, Vale-Tech Inovex Ltd reserves the right to make additional charges.

Standard Training Plan

Three levels of training is usually offered, Basic, Intermediate, and Advanced, each covering aspects of the software relevant to user responsibilities. In addition to the user training, engineer training is also available on-site. Each level of training can be tailored to the specific requirements of the user groups. Personnel receiving training are required to have basic computer skills. Training groups should be restricted to a maximum of three operators at a time wherever possible.

Additional Training.

Where training of more than three operators/users at each level is required, additional training time may be required. Additional training time must be agreed prior to installation and arrival of the installation engineer. Advanced Stock Control, Reporting and Rework training is also available and is usually scheduled several weeks after installation to allow sufficient time to gain familiarity with the basic software/hardware operation.