

ELECTRONIC PRESSURE INSTRUMENTS CLEANING OPTIONS
X6B FOR OXYGEN SERVICE
X6W FOR CLEAN APPLICATIONS EXCLUDING OXYGEN SERVICE

PIP #: ASH-PI-101

Applicable to:
Electronic
Instruments
Cleaning Options

This product page highlights the oxygen cleaning options for Ashcroft's electronic pressure instruments. Option X6B and option X6W both use the same cleaning methods and comply with the cleaning process ASME B40.100 level IV cleanliness [1]. Ashcroft's cleaning process removes all traces of hydrocarbons such as methane, butane, oil, petroleum including material such as solvents, fiber, dust, weld slag and dirt from all wetted surfaces.

Cleaning Option X6B

Option X6B is the cleaning process dedicated for equipment to be used in oxygen service. After cleaning per ASME B40.100 IV cleanliness, a label is attached to the instrument that states "OXYGEN-USE NO OIL" and packaged in an air tight plastic bag to avoid any contamination. Table 1 lists most standard Ashcroft's electronic instruments suitable to be cleaned for oxygen service.

Cleaning Option X6W

The X6W cleaning process is the same as the X6B process, both comply with ASME B40.100 level IV cleanliness requirements but option X6W does not include the labels and markings to identify that the product is acceptable for oxygen service. Cleaning option X6W is popular in many applications such as pharmaceutical, food and beverage where wetted surface must dry and free of contaminants. Table 1 lists electronic Ashcroft's instruments suitable to be cleaned with option X6W. Please contact Ashcroft for additional information.

ELECTRONIC PRESSURE PRODUCTS CLEANING OPTIONS			
Description	Series	Option X6B	Option X6W
<u>Pressure Transducers</u>			
	A2 ^{(1) (2)(3)(4)(5)}	✓	✓
	A4 ^{(1) (2)(3)(4)(5)}	✓	✓
	A2X ^{(1) (2)(3)(4)(5)}	✓	✓
	G2	✓	✓
	G3	N/A	✓
	K1	✓	✓
	K2	✓	✓
	K8	✓	✓
	KM15	✓	✓
	T2	✓	✓
<u>Digital Pressure Transmitters</u>			
	GC35	✓	✓
	GC51	✓	✓
<u>Digital Pressure Gauges</u>			
	DG25	✓	✓
	2074	✓	✓
	2174	✓	✓
	2274	✓	✓
	2084	N/A	✓
	2086	N/A	✓
	2089	N/A	✓
<u>Calibrators</u>			
ATE-2 sensor module	AM2-2	N/A	✓
ST-2A sensor module	ASQ-2	N/A	✓
PT-1 sensor module	PPT-2	N/A	✓

Table 1- Cleaning Options for Ashcroft Electronic Instruments

Notes:

- (1) Not available in vacuum ranges
- (2) Available in compound ranges 30 psi and above
- (3) Available in pressure ranges from 50 psi to 5000 psi
- (4) Available on range 7500 psi with 17-4 SS sensor, option XK8
- (5) Available in 10,000 psi range

References:

[1] American Society of Mechanical Engineers, (ASME) B40.100-2013, pp. 118,119.