

# ULTRASONIC CHAMBER



## ◆ Description

- The sensor cleaner Ultrasonic Oscillator type of pH (ORP) sensor cleaner. Immersion -type and flow-type detector and can be used in combination with, installed on the end of the sensor's detection area ultrasound on the electrode continuously as applied by using the principle of Cavitation continuous cleaning and contamination, so microscopic contaminants in the high frequency oscillation represents an excellent cleaning effect.
- Easy-to-install, several processes can be installed by a variety of ways, having been manufactured as a solid structure, easy operating and management.
- Applications.
  - Chemical Plant Process Line's sensor cleaning.
  - Food manufacturing process's sensor cleaning .
  - Sensor Cleaning wastewater treatment plant of the pH neutralization facility.
  - Integer processing and sewage treatment's sensor cleaning.
  - Plated sensor cleaning equipment.
- Specification
  - Model : SAHT-S, SAHT-C
  - Out put power : Max 30w
  - Frequency : 70KHZ sign wave
  - Input power : AC 110V/220V 50/60HZ +-5%
  - Transducer : Diameter 35mm of B.L.T piezoelectric devices.
  - Transducer : Diameter 40mm of SS304 1.5t
  - Generator : Diameter 80mm. Aluminum CASE. Chapter 2 P.C.B Board

## ◆ Ordering Information

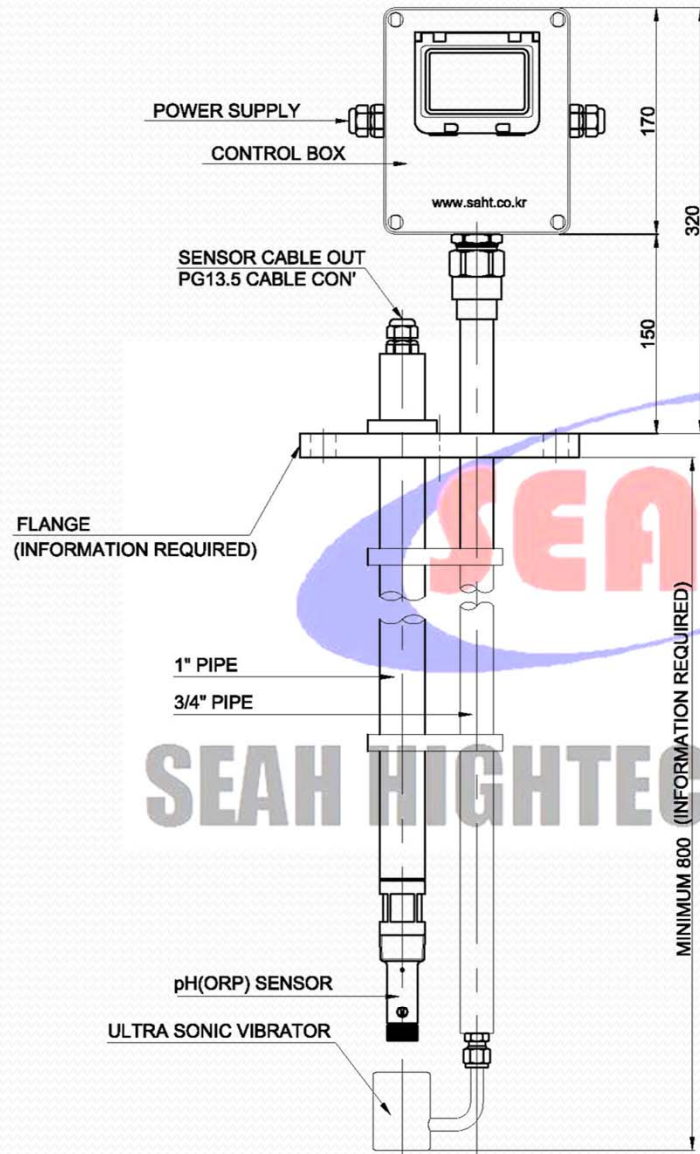
Model	A	Specification	B	Specification	Remark
		ULTRASONIC TYPE		Body Material	
SAHT-UC-A-B	C	CHAMBER TYPE	M	Monel	*Option - Tube Connector
	S	SUBMERSION TYPE	S	316SS	
			T	Teflon	

### lubrication.

- 1) Primary supply is cleaner samples of In / Out of size 1/8 "NPT (F) of the female thread.
- 2) Customized special specifications.

# ULTRASONIC CLEANER

## FLANGE MOUNTING TYPE (SUBMERSION TYPE)



DESIGN DATA			
ITEM NAME	ULTRASONIC CLEANER (SUBMERSION TYPE)		
SIZE	1" PIPE & FLANGE	HEIGHT	MINIMUM 1100mm
MAXIMUM LENGTH	NOMINAL : 3000 mm		
PRODUCT STORED	SEAH HIGHTECH CO., LTD.		
SUPPLY POWER	FREE VOLTAGE ( 110 / 220 VAC 60Hz)		
FREQUENCY	70 KHz SIGN WAVE		
HOUSING MATERIAL	By supplying fluid to be different, but basically the 316 class stainless steel.		
CORR. ALLOW.	PIPE : STD , FLANGE: STD		
SHELL DESIGN	SEE THE BELOW DRAWING		
BODY DESIGN	DRAWING	SENSOR CONN.	1" F.NPT
SUPPLY PIPE MATERIAL	STEEL CLASS : SS316, SS304		
	ALLOY CLASS : HASTELLOY @, MONEL@		
	RESIN CLASS : P.V.D.F, PVC Class, P.T.F.E(TEFLON)		
	ETC : PTFE coating outside the pipe		

ACCESSORIES			
VIBRATOR FABRICATOR TO SUPPLY AND / OR INSTALL ITEMS INDICATED <input type="checkbox"/>			
a. <input type="checkbox"/> PIPE HOLDER	b. <input type="checkbox"/> FLANGE GASKET		
c. <input type="checkbox"/> PRESSURE/ TEMP' GAUGE	d. <input type="checkbox"/> FITTING		
e. <input type="checkbox"/> MOUNTING BOLT			
PAINTING BY <input type="checkbox"/> FABRICATOR <input checked="" type="checkbox"/> NATURAL: -			
INSULATION : NO, SHELL : -			
INSULATION COVER : -			

NOTE : Permission to proceed dose not constitute acceptance or approval of design data, calculations, analyses, test methods or materials developed or selected by the supplier and does not relieve supplier from full compliance with contractual obligations.

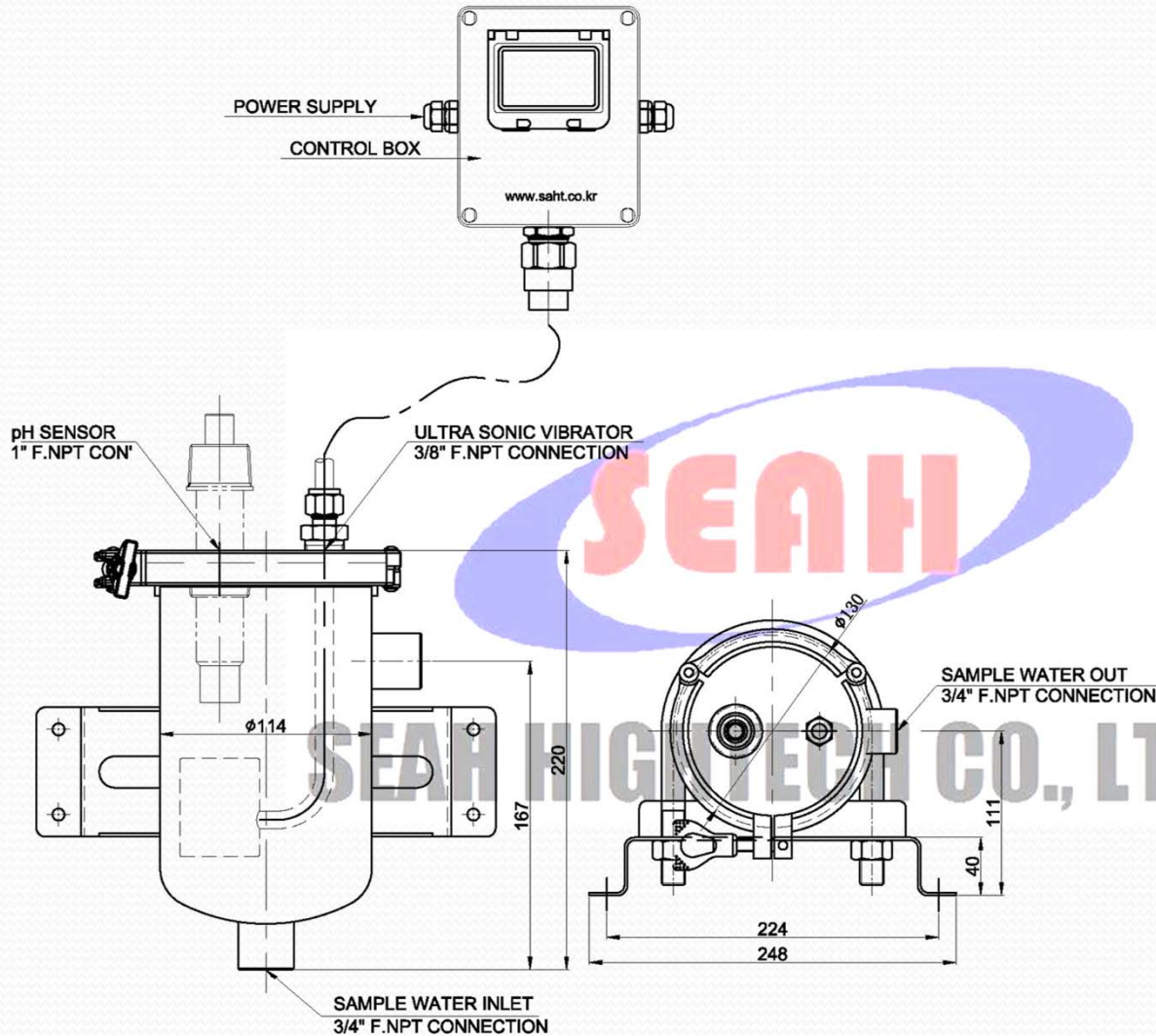
SEAH HIGHTECH CO., LTD.

	APPROVAL	Feb.10, 2006	J.S YOUN	K.Y SON	D.H PARK
REV.	DESCRIPTION	DATE	REV'D	CHECKED	APP'D

						SEAH HIGHTECH CO., LTD.		TITLE	
SEOUL, KOREA								ULTRASONIC CLEANER	
SCALE	NONE SCALE	DRAWN	DESIGN	CHECK	APPR.	DRAWING NO.			
PROJECTION	-	KI-YOUNG SON				VP-SAHTP-UC-2			
DATE	Feb.10,2006					REV.			

# WALL MOUNTING ULTASONIC CHAMBER

## CHAMBER TYPE



FRONT VIEW

TOP VIEW

DESIGN DATA			
ITEM NAME	ULTRASONIC CHAMBER (CHAMBER TYPE)		
SIZE	4" PIPE WALL MOUNTING	HEIGHT	220mm
CAPACITY	NOMINAL : 650 cc		
PRODUCT STORED	SEAH HIGHTECH CO., LTD.		
SUPPLY POWER	FREE VOLTAGE ( 110 / 220 VAC 60Hz)		
FREQUENCY	70 KHz SIGN WAVE		
HOUSING MATERIAL	By supplying fluid to be different, but basically the 316 class stainless steel.		
CORR. ALLOW.	HOUSING : 10mm , COVER: 25mm		
SHELL DESIGN	SEE THE BELOW DRAWING		
BODY DESIGN	DRAWING	NOZZLE TO SHELL CONN.	3/4" F.NPT
SUPPLY CHAMBER MATERIAL	STEEL CLASS : SS316, SS304		
	ALLOY CLASS : HASTELLOY @, MONEL@		
	RESIN CLASS : P.V.D.F, PVC Class, P.T.F.E(TEFLON)		
	ETC : PTFE coating inside the chamber		

ACCESSORIES			
CHAMBER FABRICATOR TO SUPPLY AND / OR INSTALL ITEMS INDICATED <input type="checkbox"/>			
a. <input checked="" type="checkbox"/> MOUNTING BRACKET	b. <input checked="" type="checkbox"/> 4" U-BOLT & NUT		
c. <input type="checkbox"/> PRESSURE/ TEMP' GAUGE	d. <input type="checkbox"/> FITTING		
e. <input type="checkbox"/> MOUNTING BOLT			
PAINTING BY <input type="checkbox"/> FABRICATOR <input checked="" type="checkbox"/> NATURAL: -			
INSULATION : NO, SHELL: -			
INSULATION COVER : -			

NOTE : Permission to proceed does not constitute acceptance or approval of design data, calculations, analyses, test methods or materials developed or selected by the supplier and does not relieve supplier from full compliance with contractual obligations.

△1	FOR REVISION	Mar.04, 2012	J.S YOUN	K.Y SON	D.H PARK
△0	APPROVAL	Feb.10, 2006	J.S YOUN	K.Y SON	D.H PARK
REV.	DESCRIPTION	DATE	REV'D	CHECKED	APP'D

<b>SEAH HIGHTECH CO., LTD.</b> SEOUL, KOREA						TITLE <b>ULTRASONIC CHAMBER</b>	
SCALE	NONE SCALE	DRAWN	DESIGN	CHECK	APPR.	DRAWING NO.	
PROJECTION	-	KI-YOUNG SON				VP-SAHTP-UC-1	
DATE	Feb.10,2012					REV.	