

**BRASTEN®**  
ANALYTICAL

**Automat,**  
*... the level & gas people*

(Indian Representative)

**WE SUPPORT APPLICATIONS FOR**

- ONLINE WATER & WASTEWATER ANALYZERES
- ONLINE PROCESS INDUSTRY ANALYZERES
- ONLINE / LAB / PORTABLE METAL DETECTION ANALYZERES
- HANDHELD MULTIPARAMETER PHOTOMETER
- BIOGAS ANALYZERS AND UPGRADING TO NG/METHANE
- PARTICLE SIZE AND SHAPE ANALYZERES
- AIR EMISSION MONITORING
- WASTE ODOR TREATMENT
- APPLICATION TESTING AND SET PARAMETERS
- SYSTEM INTEGRATION AND PRECONDITIONING DESIGN



**V.AUTOMAT & INSTRUMENTS (P) LTD**

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## Brasten® On-Line Continuous Stack Gas Measurement System

Microprocessor based analyzer  
 Suitable for Furnace Stack Application  
 Distance between stack sampling point & control room : 20 Mtrs.  
 Sampling point height from ground: 20 Mtrs.  
 Material of Construction of Stack : RCC/Steel



### Capable of Monitoring

SO<sub>2</sub> Gas Range : 0 to 2000 ppm , Resolution : 1 ppm  
 CO<sub>2</sub> Gas Range : 0 - 50% , Resolution : 1%  
 NO<sub>x</sub> Gas Range : 0 to 1000 ppm , Resolution: 1 ppm  
 CO Gas Range : 0 to 2000 ppm , Resolution: 1 ppm  
 NO Gas Range : 0 to 1000 ppm , Resolution : 1ppm  
 O<sub>2</sub> Gas Range : 0-25% , Resolution : 0.1%

## BRASTEN® CONTINUOUS AMBIENT AIR POLLUTANT QUALITY MONITORING SYSTEM

Model: AAPQMS-19C

### MICROPROCESSOR BASED AIR POLLUTANTS MONITORING SYSTEM

#### Capable of Monitoring

SO<sub>2</sub> Gas : 0.0 to 50.0 ppm, Resolution : 0.1 ppm  
 NO<sub>2</sub> Gas : 0.0 to 50.0 ppm, Resolution : 0.1 ppm  
 NO Gas : 0.0 to 50.0 ppm, Resolution : 0.1 ppm  
 CO Gas : 0.0 to 50.0 ppm, Resolution : 0.1 ppm  
 CO<sub>2</sub> Gas : 0.0 to 50.0 ppm, Resolution : 0.1 ppm  
 NH<sub>3</sub> Gas : 0.0 to 50.0 ppm, Resolution : 0.1 ppm  
 H<sub>2</sub>S Gas : 0.0 to 50.0 ppm, Resolution : 0.1 ppm  
 O<sub>3</sub> Gas : 0.01 to 9.99 ppm, Resolution : 0.01 ppm  
 O<sub>2</sub> Gas : 0.0 to 99.9%, Resolution : 0.1 %  
 PM 2.5 : 0.001 mg/Nm<sup>3</sup>(1ug/Nm<sup>3</sup> to 20mg/Nm<sup>3</sup> (20,000 ug/Nm<sup>3</sup>)  
 PM 10 : 0.01 mg/Nm<sup>3</sup>(10ug/Nm<sup>3</sup> to 200 mg/Nm<sup>3</sup> (2,00,000 ug/Nm<sup>3</sup>)



### POLLUTION PARAMETERS MONITORING PARAMETERS

1. COD/TOC/DOC/BOD/SACTSS
2. NITRATE/COD/TOC/DOC/BOD/SAC
3. DO OPTICAL
4. pH/ORP
5. TURBIDITY
6. TSS

### EQUIPMENTS FOR FOLLOWING



### REAL TIME MONITORING OF POLLUTION PARAMETERS ON WEB PAGE OF CPCB / SPCB

We have supplied more than 25 such systems to various Power Plants where we had synchronized data from the Flow Transmitter to be monitored online as per the directives laid down by the Pollution Control Board (Himachal Pradesh).

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Website : [www.vautomat.com](http://www.vautomat.com)

BRANCHES IN BARODA, MUMBAI, KOLKATA, JAMSHEDPUR, SECUNDERABAD & CHENNAI

See Website for address (Specifications can change without prior notice)