

# PROGNOSYS FOR AN-ISE sc, AISE sc, NISE sc

## Eliminate last-minute maintenance emergencies.

PROGNOSYS is a predictive diagnostic system that allows you to be proactive in your maintenance, by alerting you to upcoming instrument issues. Know with confidence whether changes in your measurements are due to changes in your instrument or your water.



## PROGNOSYS



### Measurement Indicator

The measurement indicator monitors the instrument's components and uses that information to alert the user to upcoming instrument needs before measurements become questionable.



### Service Indicator

The service indicator tracks the number of days until the instrument will require maintenance or service.



### MAINTENANCE REQUIRED



#### Measurement Indicator

An electrode has lost physical contact with the sensor  
Remove the yellow cap on the new cartridge  
An ion electrode may be damaged and should be replaced  
An electrode has aged and the cartridge may need to be cleaned or replaced  
Water in the sensor  
Any instrument error



#### Service Indicator

1 day or less remaining until the next maintenance task  
An ion electrode may be damaged and should be replaced  
The temperature difference used to establish the temperature matrix is too large  
The matrix correction is out of range of the sample temperature  
The new cartridge need to be calibrated  
A matrix correction is due

### MAINTENANCE PENDING



#### Measurement Indicator

The electrodes are beginning to wear  
An electrode may be incurring damage and should be replaced  
A matrix correction is overdue by more than 30 days  
The temperature difference used to establish the temperature matrix correction is too large  
The matrix correction is out of range of the sample temperature  
Any instrument warning



#### Service Indicator

2–14 days remaining until the next maintenance task (user adjustable)  
The RFID could not be read

### MAINTENANCE PERFORMANCE



#### Measurement Indicator

The electrodes are in good condition  
Cartridge is new (100 %); new cartridge requires calibration (95 %)  
Cartridge age is optimal (100 %); cartridge should be replaced soon (90 %)  
No matrix corrections are due (100 %) or a matrix correction is overdue (76–99%)  
The matrix correction is in range of the sample temperature



#### Service Indicator

7–14 days remaining until the next maintenance task (user adjustable)  
RFID is readable

Many of the parameters and tasks considered for the maintenance indicator will also be displayed through the service indicator if the related instrument components require maintenance soon.