

**NMR PIPETECTOR Scientific Report**  
**Anti-Corrosion Application, Hospital**  
**Tokyo Kyohsai Hospital**

(Managed by the government official mutual aid society)

NMR Corporation



◆ Installation Purpose

**NMR PIPETECTOR** is evaluated its capability in protection of pipes against corrosion and scale. Therefore **NMR PIPETECTOR** was installed in the new building of Tokyo Kyohsai Hospital, which is managed by the government official mutual aid society.

**NMR PIPETECTOR** was installed in all pipes of drinking water, hot water, and air conditioning systems when the new building was constructed. Therefore the effect of **NMR PIPETECTOR** prevents the pipes from rusting and scaling from now on, and decreases the huge cost of exchanging pipes that will be necessary within 30 years if there is no installation of **NMR PIPETECTOR**.

◆ Installation Summary

Name of Building Address	Tokyo Kyohsai Hospital (New building) Meguro Ward, Tokyo
Building Summary	Reinforced 5-story building (New building)
Installation Place	Water supply, non-drinking, hot and chilled water, cooling water pipes system
Installation Day	October, 2001
Installation Place Number of Installed NMR PIPETECTOR	<ul style="list-style-type: none"> <li>● Drinking water supply system</li> <li>On outlet pipe of water meter <span style="float: right;">PT-100DS×1unit</span></li> <li>On outlet pressure pump of drinking water <span style="float: right;">PT-125DS×1unit</span></li> <li>● Non- drinking water system</li> <li>on outlet pressure pump of non-drinking water <span style="float: right;">PT- 75DS×1unit</span></li> <li>● Hot and chilled water system in air conditioning</li> <li>On outlet generator of hot and chilled water <span style="float: right;">PT- 200DS×2units</span></li> <li>On outlet pipe of refrigerator <span style="float: right;">PT-150DS×1unit</span></li> <li>On outlet of hot water pipe <span style="float: right;">PT-125DS×1unit</span></li> <li>● Cooling water system</li> <li>On outlet of cooling pump <span style="float: right;">PT-100DS×2units</span></li> <li>On outlet of cooling pump <span style="float: right;">PT- 50DS×1unit</span></li> </ul>