

A global niche top company with small-diameter pipes!!

Top 100 global niche companies have been selected by METI. The uniqueness of FUTA-Q technology, its worldwide market share, and its importance in the supply chain. This is a result of the acknowledgement of the need. In the future, we will further strengthen our sales to customers worldwide.

We will continue. In this month's issue, new proprietary pipe-building technology and non-destructive internal surface inspection equipment for small-diameter pipes. Let me introduce you. Also, please check the list of small diameter pipes that we can provide.

■ Proprietary small-diameter pipe-development (β-titanium, 64-titanium, cobalt-alloy CoCr)

In 2011, we realized the use of β-titanium pipes, which are lightweight, have high strength, and have excellent springiness, which are characteristic of titanium alloys.

Since then, our products have been used in medical and analytical equipment and many other applications, which was said to be impossible to use pipes last year

Successful production of small-diameter 64 titanium pipes (photo on the right).

For customers who require even higher strength,

We also offer small-diameter cobalt-alloy pipes (TS_2470MPa).

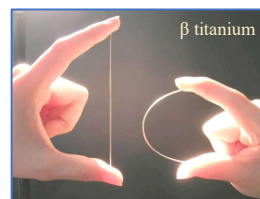
While the quality required for small-diameter pipes varies, we possess polishing technology that realizes super-specular roughness in the pipes and cleaning technology that removes foreign matter.

Small-diameter pipes of the highest quality can be manufactured.

Of course for general-purpose stainless-steel pipe products

We are also engaged in mass production.

2011 Development of β titanium small-diameter pipe



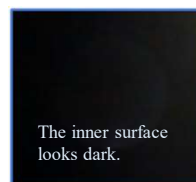
- ① Developed a 64-titanium ELI small-diameter pipe
- ② Development of small-diameter cobalt alloy pipe



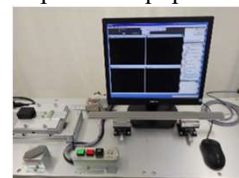
■ What is visible in non-destructive internal surface inspection equipment ?

Surface roughness is calculated from the observed image of the inner surface and displayed in real time Display.

In FUTA・Q, foreign matter in the shipped products is inspected by inspecting the inside of the pipes. We provide high-quality pipes by checking for adhesion and processing scratches.

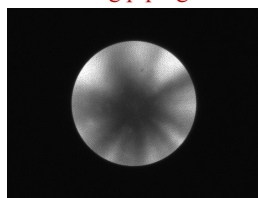


Inspection equipment

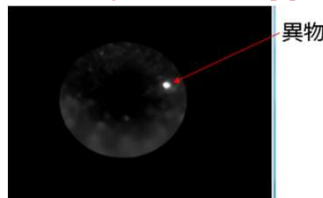


Super mirror finish Ra0.06

Other company's products-Remaining wrinkles during piping construction



Foreign matter NG in pipe



パイプ内面の傷 (らせん状)



画像に映ったパイプのらせん傷



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