

Concentration Meter

液体成分濃度計

Company Overview

会社概要

会社名 Company Name

創立 Founded

資本金 Capital

代表者 President

従業員数 Number of employees (consolidated Kurabo Group)

倉敷紡績株式会社(クラボウ)

1888年(明治21年)3月9日

220億40百万円

代表取締役 取締役社長 藤田晴哉

4,313名 (2021年3月31日現在)

Kurabo Industries Ltd.,

March 9, 1888

22,040 million of yen

Haruya Fujita,

4,313 (As of March 31, 2021)

ChemicAlyzer



環境×エクトロニクス事業部
(エレクトロニクス分野)

先進技術センター：大阪府寝屋川市下木田町14-30
検査計測システム部 計測システム課 TEL 072(812)5208
【メールアドレス】msg@kurabo-grp.com 【ホームページ】<https://www.kurabo.co.jp/el/index.html>

We create the future
with measurement

ハカルで未来を創る

秤にかけてみてください。クラボウの成分計がある未来とない未来と。クラボウは光を使った成分測定のバイオニア。長年の経験と豊富なノウハウを活かし、お客様のパートナーとして想像を超えた新しい価値を創造し続けます。

Weigh futures with and without Kurabo's concentration meters on a balance. Kurabo is a pioneer of optical concentration measurement. Using its long experience and profound knowhow, Kurabo continues to create new value beyond imagination as a trusted partner to our customers.

Support to Measure

成分濃度を正確に測る

Accurate concentration measurement

対象薬液に合わせた波長を用いて測定するため、高精度での測定が可能です。薬液濃度管理はお任せください。

ニーズを的確に推し量る
Precise estimation of needs

ご希望の性能やシステムなど、今必要な装置をお届けするためにお客様の思いに真摯に向き合い続けます。



The optimum wavelength for chemicals to be measured leads to accurate measurement. Entrust us with chemical concentration management.

解決まで徹底して諂る

Practical comprehensive solution

薬液種、液温や設置環境など、現場の条件は様々です。技術と知識を総動員させて、それらに対応した最適な1台を提供します。

工程の最適化を図る

Production process optimization

歩留向上やコスト削減の実現を、濃度管理の面からサポート致します。生産現場をより快適に、より効率的に。



On-site conditions such as types and temperatures of chemicals and installation environments vary. Using all our techniques and knowledge, Kurabo will provide the optimum system for various conditions.

Our concentration control enhances yield and reduces costs, leading to more comfortable and effective production sites.

助けるハカルをの

『光吸収式』、『INLINE設計』、だから強い。

The light absorption method and inline design lead to resilience.

1 速い

最短2秒で結果が得られる高速測定。

Fast

High-speed measurement to obtain results in as little as two seconds

2 同時

アンモニア、過酸化水素などの混合液も複数成分を同時測定可能。

Simultaneous

Simultaneous measurement of mixed solutions of ammonia, hydrogen peroxide, or others

3 安心

石英(サファイア)／フッ素樹脂の接液部で安心の非破壊測定。

Relief

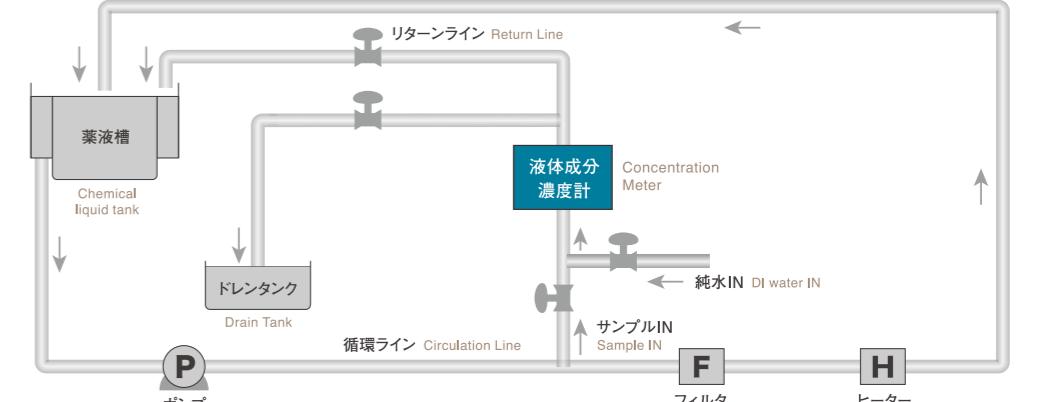
Reassuring non-destructive measurement using wetted parts made of quartz (sapphire)/fluorine resin

Product lineup

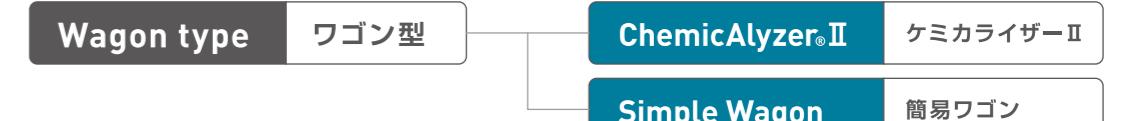
製品ラインナップ



Inline type インライン型



Wagon type ワゴン型



Option support

オプションサポート

1

卓上運用

ノートPCとポンプを接続し、卓上でも運用いただけます。ラボなどでの測定にも最適です。

Desktop operation

Operable on your desktop by connecting a laptop PC with the pumps ideal for measurement at laboratories.

2

特注システムの構築

お客様のニーズに合ったモニタリングシステムの構築も承ります。1台で複数槽の測定も可能に。製造ラインをまとめて管理できます。

Customized system

Kurabo will construct a monitoring system according to your needs. Measurement of multiple tanks is available with one system, which controls production lines together.

3

新規用途への対応

新規薬液の運用もしっかりサポート。お客様の薬液濃度管理のパートナーとして、新たな可能性を開拓します。

New applications

Kurabo supports the measurement of new chemicals. We will explore new possibilities as a partner of our customers to control chemical concentration.

Maintenance

メンテナンス

1

消耗品はランプのみ

平均寿命30000時間の長寿命ランプを使用。運用コストを削減します。お客様ご自身で簡単に交換いただけます。

The lamp is the only consumable

A long-life lamp with an average lifetime of 30,000 hours is used to reduce operation costs. The lamp is user-replaceable.

2

予防保守サービス

パーツの交換、調整など。定期的な予防保守で効果的な予算運用を。

Preventive maintenance service

Replacing and adjusting parts. Periodic preventive maintenance will effectively reduce costs.

3

校正サービス

定期的な校正で測定精度を保ちます。いつでもご用命ください。

Calibration service

Periodic calibration will maintain measurement accuracy. You can order any time.

Find Kurabo Concentration meter here...

クラボウの液体成分濃度計はこんなところでも使われています



電池 材料

- セパレーター製造工程管理
- 電解液の生産工程管理



医療 材料

- 中空糸膜の製造工程管理



食品

- 日本酒と食酢の発酵度測定
 - 食用油のヨウ素価測定
- Foods
Measurement of brewage and vinegar
Measurement of the iodine value of edible oil

Uncompromising attention to colors creates originality.

色へのこだわりが
独創を生みだした。



Uncompromising attention
to colors creates originality.

Kurabo's electronics technology, which commercialized the CCM (computer color matching) system computerizing the color production process for dyes, has expanded to various fields using coloring materials, becoming a mainstay of color toning and measurement.

The software and color sensing technologies Kurabo has developed have extended into information processing fields such as image solution and production management, and the high-speed, high-precision inspection and measurement fields respectively.

Kurabo's uncompromising attention to colors creates originality for future. Kurabo continues to provide solutions based on its superior technologies far ahead of all others.

Quality Control

検査・計測

色柄品質管理システム

Color Imaging System

色画像検査システム

Color Image Analysis and Inspection System

液体成分濃度計

Chemical Concentration Meter

赤外吸収式膜厚計・水分計

Infrared Thickness Meter

Color Manufacturing

調色・計量

コンピューター・カラーマッチングシステム

Computer Color Matching System (CCM)

自動計量システム

Automatic Dispensing System

攪拌・脱泡機器

Mixing Deaerator

Data Processing

情報処理

生産管理ソリューション

Production Management System

大判スキャナ

Large format scanner

交通インフラ維持管理システム

Infrastructure management System

About KURABO

1888	1962	1962	1970	1976	1976	1987	2021
有限会社倉敷紡績所設立 織維事業開始 岡山・倉敷に新たな産業を興すため、紡績業で創業。厚手素材向けの太番糸技術を確立。	ポリウレタン事業へ進出 化成品事業開始 時代の流れに乗り、マットレス用の敷資ウレタンや、硬質ウレタンを用いた住宅建材分野へ進出。	食品サービス事業開始 日本で先駆けて、フリースドライ食品を開発しました。	エンジニアリング事業開始 自社工場の排水処理の課題を解決するため、排水脱硫装置を開発。以後、その技術を環境プロジェクト設備へと展開しました。	エレクトロニクス事業開始 自家の染色工場のハイテク化において「色」の管理システムを開発。Kurabo developed an automated nucelic acid isolation system. This was regarded as one of the three most important pieces of equipment in the field of gene analysis.	バイオメディカル事業開始 技術研究所での開発をもとに、核酸自動分離装置を開発。当時、遺伝子解析の神器と賞賛されました。	不動産へ進出 Based on the efforts of the Technical Research Laboratory, Kurabo developed an automated nucelic acid isolation system. This was regarded as one of the three most important pieces of equipment in the field of gene analysis.	Launches real estate business
Kurabo Spinning Works founded Launches textile business Kurabo was founded as a spinning company in Kurashiki, Okayama, starting a new industry there. It established a technique for spinning low-count yarn ideal for heavy fabrics.	Enters polyurethane market Launches chemical products business Kurabo entered the market for housing construction material, making flexible polyurethane foam for mattresses and rigid polyurethane foam to meet increasing demand.	Launches food and services business Launches engineering business To solve the problem of wastewater from its plants, Kurabo developed flue gas desulfurization equipment. Since then, Kurabo has applied its technologies to the development of environmental plant facilities.	Launches food and services business Launches engineering business To solve the problem of wastewater from its plants, Kurabo developed flue gas desulfurization equipment. Since then, Kurabo has applied its technologies to the development of environmental plant facilities.	Launches engineering business Launches food and services business Launches engineering business To solve the problem of wastewater from its plants, Kurabo developed flue gas desulfurization equipment. Since then, Kurabo has applied its technologies to the development of environmental plant facilities.	Launches biomedical business Based on the efforts of the Technical Research Laboratory, Kurabo developed an automated nucelic acid isolation system. This was regarded as one of the three most important pieces of equipment in the field of gene analysis.	Launches biomedical business Based on the efforts of the Technical Research Laboratory, Kurabo developed an automated nucelic acid isolation system. This was regarded as one of the three most important pieces of equipment in the field of gene analysis.	Launches real estate business