

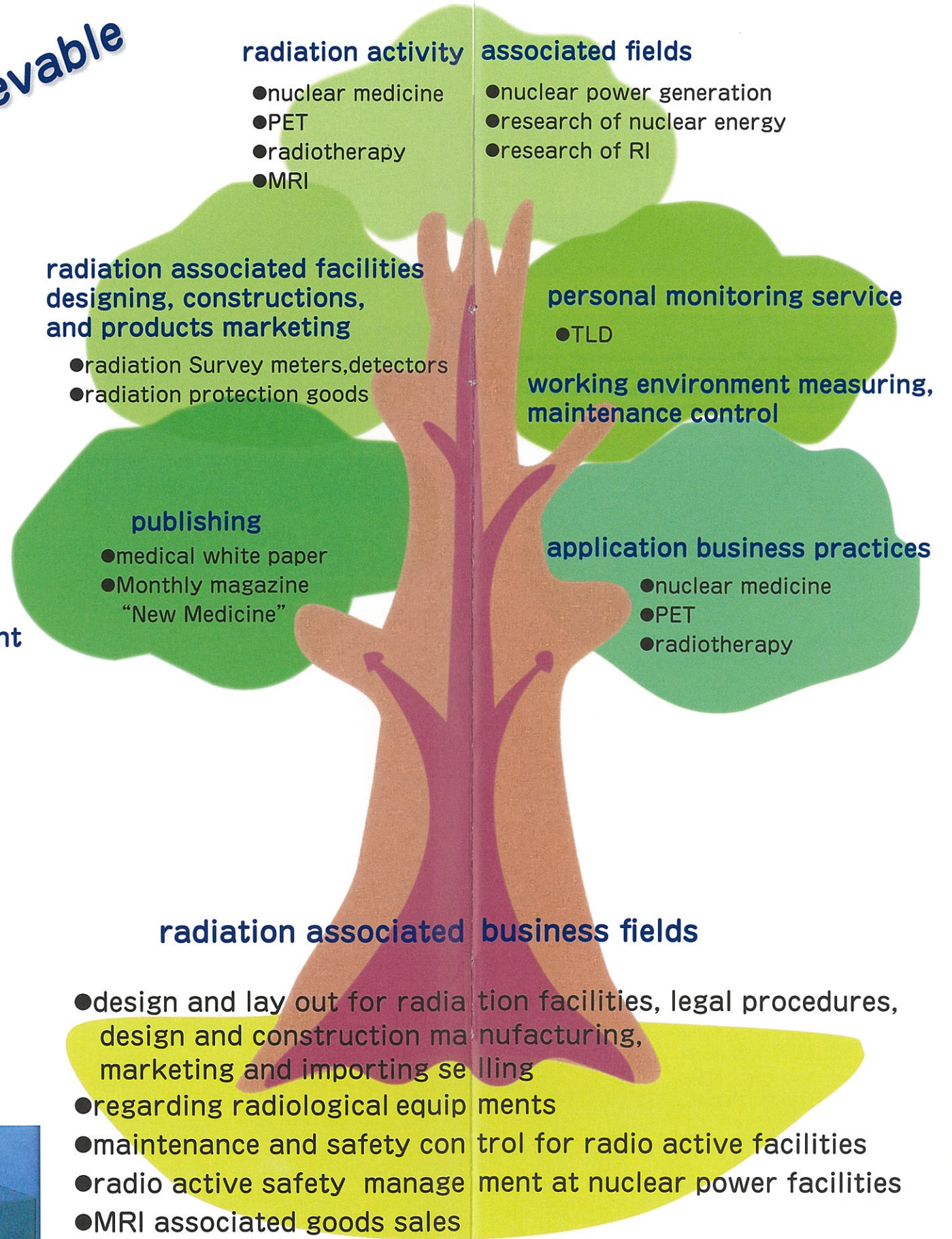
**SKIK**

**Company Profile**





As low as Reasonably Achievable



unlead X- ray protection apron



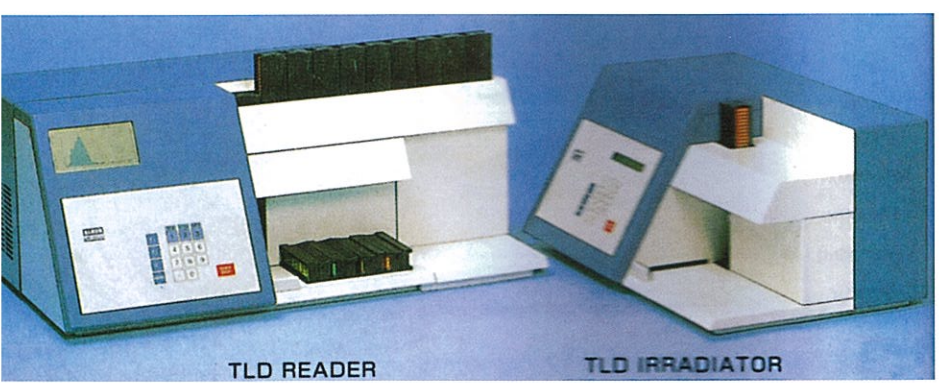
RI sandals, slippers

Measuring Devices for Radiation Management

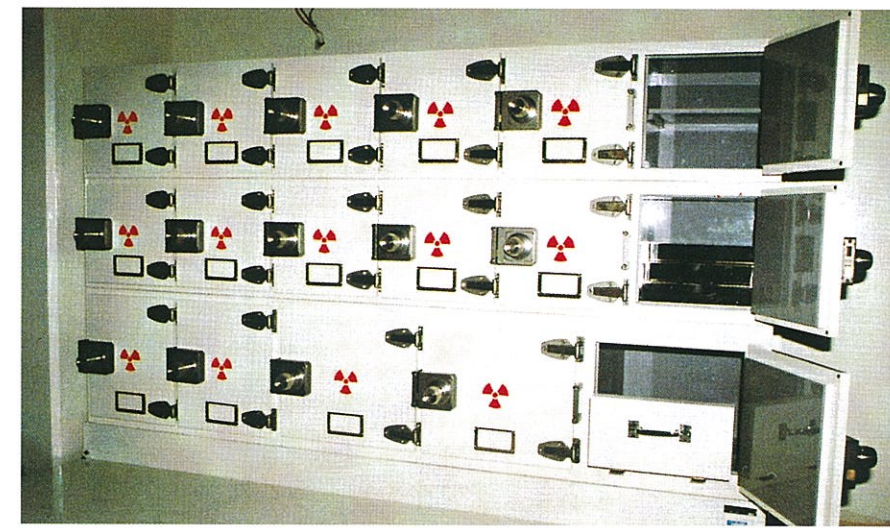


Multi-purpose Survey Meter(RAM-DA series)

Personal Monitoring Services



TLD Full Automated Measuring System



Special Lead Storage Box

Presented by Sangyo Kagaku Co., Ltd.



## As Low As Reasonably Achievable

### ➡ Designing/Construction Work and Sale of Systems/Equipment

#### Designing and Construction Work for Radioactive Associated Facilities

SKK offers the customers the total services including designing the layout, drawing, and constructing the radioactive irradiation rooms, and the associated labs, measurement and test rooms, and procurement and production of the required systems and consumables, and delivery, setting up, and installation of those systems.



Stainless made Panel Tank

#### Proposal, Designing and Production of Nuclear Energy Associated Equipment

SKK provides the customers with the equipment required for the nuclear energy associated facilities such as nuclear power plants, testing and research work facilities, including the devices for radioactive measurement, testing ( glove box and so on ), disposal practices, reducing the level of exposure, protecting the contamination, and decontamination kit, and other small tools, components, rubber gloves, clothes and so on.



Vacuum Glove Box

#### Import and Sale of Radioactive Measurement Devices and RI Handling Equipment

SKK imports and sells all the products line of the radioactive measurement devices such as personal dosimeter, survey meter, various monitors, which are always required to install for the control of the radioactive rays at the radioactive associated facilities. SKK helps the customers in recommending the best combination or package of the equipment for the purpose of radioactive measurement and identifying or analyzing the sort of rays according to the needs from the nuclear energy facilities, radioactive research labs and nuclear medicines.



Atomlab 500 Plus



Hood with Storage Box

### ➡ Import and Sale of MRI associated Products

#### Products for "Stoping" MRI Accidents

FerrAlert is installed on the entrance door in the MRI room, detects the invasion of any ferromagnetic object, and releases the warning signal. This product helps in avoiding possible accidental contacts by ferromagnetic objects, or breakage accidents of MRI system.



Detector of High Magnetic Object for MRI



# Always Survey

## ➡ Maintenance Service for Radioactive Applying Facilities

### Measurement in the Radioactive Working Environment

According to the national legal requirement, you are obliged to measure the applied amount of rays in the place with a potential risk of causing radioactive disorders such as X-ray rooms and isotope applied rooms. SKK provides you with their professional measuring services for the applied rays. ( registration number 13-90 by the Working Environment Measurement Agency )

#### ■ measurements required by the law concerning prevention from radiation hazards due to radio-isotopes, etc

- measurement of density of radioactive surface contamination
- measurement of density of radioactive objects in the drainage
- measurement of leaking rays rate

#### ■ measurements required by the working environment measurement law

- measurement of density of radioactive objects in the air
- measurement of dose rate



γ Rays Scintillation Measurement Device

### Maintenance Services at Radioactive Applied Facilities

SKK would highly recommend you to perform periodical maintenance procedures after starting operation of radioactive facilities. SKK offers the customers with the maintenance services, repair works and remodeling services according to the requests from the customers. SKK has their own professional maintenance service staffs with years of experiences, especially for checking, decontaminating and repair works for drainage storage tank, dilution tank and other important components, and exchanging the ventilation filter.



scene from cleaning the storage tank



scene from exchanging the filter

## ➡ Measurement Service for Personal Exposure Dose

### Measurement Service for Personal Exposure Dose using TLD

The Japanese law requires every one working in the radioactive facilities to measure and record the external exposure. SKK has been servicing for the staffs with measuring and recording the external exposure, who works at the department of radioactive treatment in the hospital, institutes, and the associated test sites.

A very solid and compact TLD ( Thermo-Luminescent Dosimeter ) is a very powerful and full automated device to measure the individual irradiated volume. SKK prepares 2 types of TLD, one is made by Million ( Rados ) Company, and the other is made by Thermo Fisher ( Harshaw ) Company, both of which are equally well accepted in the international markets with high respect.



Harshaw 8800

## ➡ Editing and Publishing Activities

### Publishing and Sale of general medical journal, "Monthly New Medicine"

Monthly New Medicine is a kind of friend for the medicine oriented people published on monthly basis. This general medical journal picks up the wide range of the latest topics in the medical field including the introduction of new medical devices and systems, clinical techniques, hospital management, and other columns etc., etc.

We are trying to break down the very high and professional subjects in easier expression for as many people as possible to understand. Other than Monthly New Medicine, we produce and administrate various booklets ( monthly, quarterly, or individual publishing ), commercial catalogs, posters, leaflets, corporate circulation news, calendars and their planning, designing and editing as well.



## ➡ Lower Extremities Training Device for Spinal Cord Injured Peoples





## Company History

- In June, 1966: Teisou IMAMOTO, the founder, established SANGYO KAGAKU Co., Ltd. in Tokyo. A monitoring service by film badges is started. In addition, the development/sale of non-destructive test devices and the radiation safety protection materials are started.
- In July, 1967: sale and installation execution of medical appliances are started.
- In March, 1978: Hiroshima branch office is open.
- In April, 1979: SKK makes an agent agreement with MIRION Technologies (former name: STUDEVIK AB.) (Neutron counter, Nuclear instruments, TLD Auto measurement instrument)
- In July, 1979: Ibaraki branch office is open.
- In 1989: SKK makes an agent agreement with ROTEM Industries Ltd. (Radiation measurement instruments)
- In April, 1997: Teisou IMAMOTO is installed as the chairman; consequently Toshiyuki NAKASHINOZAKO is installed as the representative director president.
- In Autumn, 2001: SKK makes an agent agreement with Biodex Medical Systems, Inc. (Radiation measurement instruments)
- In summer, 2008: SKK makes an agent agreement with Kopp Development Inc. (Ferromagnetic Detection System for MRI)
- In April, 2010: Toshiyuki NAKASHINOZAKO is installed as the advisor; consequently Takeshi NAKAJIMA is installed as the representative director president.
- In May, 2011: Osaka branch is open.
- In July, 2011: A laboratory is set up for analysis service. SKK is authorized as a working environment measurement agency regarding radiation.
- In August, 2011: SKK ties up with Thermo Fisher Scientific (Harshaw) and starts using their personal radiation monitoring instrument.

## Our main business

- **A radiation business (Nuclear medicine, Atomic Energy, R & D, Radiation Therapy)**
  - A layout, procedure, design, execution of a radiation use facility
  - Development, production, sales, importation of a radiation related equipment, article
  - The maintenance control of a radiation use facility
  - Radiation safety control of atomic power facility etc
  - Radiation monitoring service for individuals
  - Film badge measurement service
- **A welfare business**
  - The sales of a bed, car chair and bath tub etc.
  - The sales of a computerized rehabilitation system for motor impaired
- **A publication business**
  - The issuance and sales of comprehensive medical treatment monthly magazine "Shin-Iryou".



## Outline

- Trade name : SANGYO KAGAKU Co., Ltd.
- Capital : 20,000,000 yen
- Representative director president : Takeshi NAKAJIMA
- Headquarters : NS Bldg. 5F, 2-6-11, Higashi-nihonbashi, Chuo-ku Tokyo 103-0004, JAPAN  
TEL :+81-3-5825-7117 / FAX :+81-3-5825-7118
- Personal Monitoring service department : Yoko-Ginza-Miharabashi Bldg. 5F, 4-9-6, Ginza, Chuo-ku Tokyo 104-0061, JAPAN  
TEL :+81-3-2545-5256 / FAX :+81-3-3545-5259
- Web site : [www.sangyo-kagaku.co.jp](http://www.sangyo-kagaku.co.jp) (Only in Japanese)
- Email : [skk@sangyo-kagaku.co.jp](mailto:skk@sangyo-kagaku.co.jp)
- Employees : 50
- The sales : Two billion yen per year
- Branch offices : Hiroshima, Osaka, Ibaraki

## Main customer

- General hospital, university hospital, public hospital etc.  
ex. : Tokyo University , Kyoto University , Kyushu University , Hiroshima University , National hospital Others
- Research facility (national research institute, university, company research institute etc.)  
ex. : JAEA (Japan Atomic Energy Agency) , TOSHIBA Corporation , HITACHI Corporation

## Standard Regulation for Radioactive Treatment Site

Maximum Allowance at the Boarder of the Hospital / Clinic Site: 250 $\mu$ Sv / 3 months

