



Джерело-Люкс

Automatic pump rooms

of mineral water and juice-bar pump rooms

Copyright and Developments



COMPANY OWNER'S MESSAGE



***Natalia Dremluga,
Company Owner, CEO***

Dear friends and partners.

A dream, that changes the life around us for the better, should last as long as possible. If you do your job, putting much your soul into it, investing your time and competence, you would also make your dream come true. Our company's dream and purpose is to give everyone the opportunity to receive hope and chance for recovery.

Our mission is to do everything depending on us to make natural healing water resources accessible for each and every person every day, and a healthy lifestyle to become an integral part of the citizens' culture of metropolises, small towns, resorts' visitors and everyone who realizes the value of natural sources for health.



COMPANY OWNER'S MESSAGE

“Dzherelo-Lux” is not simple words for us. “Dzherelo” is a source of life, its primevalness and eternal value. For us, the value of each person’s health is the source of inspiration for creating products of European quality, impeccable service and care for each and every client.

“Lux” is the quality we all deserve. The pump rooms created by the “Dzherelo-Lux” company give everyone the opportunity to use a source of natural resources to improve the quality of their life and the lives of their nearest and dearest. When we can take care of ourselves, we are able to take more care of those we love.

For more than 40 years, we have been manufacturing and installing mineral water pump rooms and juice-bar pump rooms in Ukraine and abroad, constantly improving the technology, service and management of our enterprise. We are confident that we will be able to do everything in future to increase the opportunities for the health improvement of many people who need it, and improve the quality of our lives.

Best regards and best wishes
Natalia Dremluga



HISTORY OF DEVELOPMENT

“Dzherelo-Lux”, Research and Development Enterprise

specializes in the production of **automatic mineral water pump rooms and juice-bar pump rooms.**

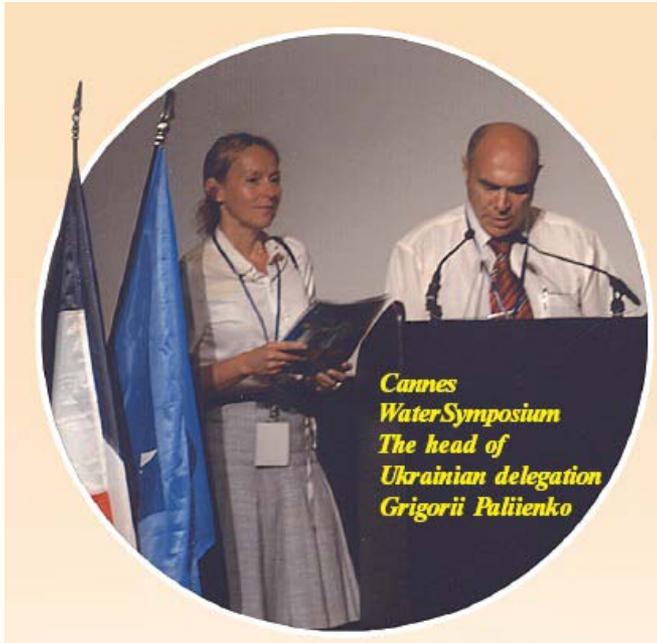
It was established on the basis of three enterprises as follows:

RC “Dzherelo-Avtomatyka”,
PE SPA “Avtomatyka SPA” and
INSC “SPA-systemy”,
and is their **sole** assignee.

Pump rooms of the “Dzherelo-Lux” trade mark have been in demand in the market for more than 40 years.



HISTORY OF DEVELOPMENT



Hryhorii Paliienko
The Head of Ukrainian delegation,
Cannes WaterSymposium

Thanks to the **patented inventions of the founder** of these enterprises,
Hryhorii Paliienko,

the ISE “Dzherelo-Lux” **guarantees the preservation of healing properties** of mineral waters and drinks, which is a great advantage when using equipment that has been recognized at the world balneologists’ congresses, such as: FEMTEC, the OMTh, the Cannes WaterSymposium under the auspices of the UN and UNESCO.



REPRESENTATION

Equipment of ISE “Dzherelo-Lux” successfully operates at the best resorts of Ukraine and abroad,

namely in:

Truskavets — Central pump room, “Dnipro-Beskyd”, “Rixos Prykarpattya”;

Morshyn — Central well-room, “Morshynskiy”, “Odesa”; “Sviatyi Sharbel”;

Myrhorod — Central pump room, “Khorol”;

Khmilnyk — “Medical Rehabilitation Center of Railwaymen”;

Sataniv — Central pump room, “Zbruch”;

Odesa — “Grand Marine”, “Bila Akatsiia”;

and at other well-known resorts of the **Lviv** — “Edem Resort & Spa”,

Zakarpattia — “Tirol”, “Solva”, “Shaian”, “Modrychi”, **Kharkiv** — “Roshcha”,

Volyn — “Prolisok”, **Kyiv** — “Koncha-Zaspa”, **Dnipro, Poltava, Cherkasy**

oblasts, at many resorts of **the Crimea, Belarus** — “Borovliany” and

Azerbaijan — “Qalaalti Hotel & Spa”, “Lankaran Springs Wellness Resort”,

Kazakhstan and **Uzbekistan**.



INSTALLATION OBJECTS

The pump rooms of “Dzherelo-Lux” are successfully applied in the field of enhancing the efficiency of people’s health improving in sanatoriums, health centers, rehabilitation centers, boarding houses, recreation centers, hotels, child care facilities, etc.

ISE “Dzherelo-Lux” brings mineral water resorts closer to people, also offering the installation of automatic pump rooms and juice-bar pump rooms in residential complexes, Wellness & SPA centers, fitness clubs, educational institutions of various forms, central urban pump rooms, etc.

Installation of such equipment in various institutions **will make it possible and convenient to use high-quality water** (including drinking or mineral water) and **phyto-drinks, expand the range and effectiveness of recreational services**, and will also make it possible **to have a significant economic effect** at the expense of water and drinks dispensing process automation, and displacement of maintenance personnel, consumers’ comfort improvement and etc.



SERVICES

ISE “Dzherelo-Lux” provides a full range of the following services:

- design development;
- preparation of design documentation;
- manufacture of equipment;
- installation and commissioning with subsequent support;
- technical maintenance and repair;
- modernization of operating pump rooms;
- personnel training.

Many years’ experience and professionalism of the company’s specialists allow us meeting the requirements for pump rooms installation of any configuration at the highest level.



EQUIPMENT

The “Dzherelo-Lux” pump rooms provide the following:

- dispensing an adjusted dose at choice: 100, 150, 200 and 250 ml.
- option to select any temperature;
- option to select any concentration;
- mineral water heating with maximum medicinal properties preservation;
- prevention of mineral water overheat and formation of compounds harmful to the body;
- preparation of medicinal waters from natural brines (salt water), such as Morshynska, Truskavetska, bishofite;
- preparation and dispensing of drinks made of medicinal herbs (Echinacea, hibiscus), extracts (vin-vita, chlorella), biologically active substances (propolis, honey), concentrates (iodis, colloidal silver), etc.

Only certified ingredients are used for waters and drinks preparation.



EQUIPMENT

Advantages of using the “Dzherelo-Lux” pump room

1. Dispensing of mineral water both directly from the natural sources and from containers that are delivered to the places of consumption.
2. Controlled heating **with protection against overheating and oxidation** to preserve the high-quality natural composition and healing properties of mineral waters and drinks.
3. Forcing of heated mineral water or drink out of heat exchangers and dispensing pipes, which **eliminates its stagnation in system** and **prevents the change in chemical composition and the formation of harmful substances**.
4. The possibility to equip the pump rooms **with dual-circuit modules** (one module dispensing 2 types of combined healing waters or drinks).
5. The possibility to receive mineral water and drinks using **an electronic card**.
6. The possibility to manufacture modules of various types: mobile and stationary (built-in) options.



Peculiarities of the water heating process

- **Instant heating** of mineral waters or drinks is achieved by division of a portion of water into thin layers without overheating in the contact zone with the heating surface to 40 °C.
- The equipment makes it possible to heat mineral water or drink, **avoiding its direct contact with a heating source**.
- A portion of water **is heated immediately before intake**, which eliminates the possibility of stagnation.

All this as a whole **makes it possible to preserve all the beneficial properties** of mineral water and drinks, unlike pump rooms of other manufacturers, wherein water is constantly heated.

The equipment is ecofriendly and safe, which is confirmed by the hygienic opinion of the Ministry of Health of Ukraine, the conclusions of the Bogomolets Institute of Physiology.



EQUIPMENT

The process of water purification in the juice-bar pump room:

- mechanical purification using a three-stage filter;
- post-purification using a reverse osmosis unit;
- purification using a bactericidal (ultraviolet) lamp.

Requirements for the pump room installation (connection) site:

- water supply;
- availability of sewage system;
- availability of an electrical network with the capacity of at least 6 kW (for 3–4 modules).



JUICE-BAR PUMP ROOM CONFIGURATIONS

We offer four typical configurations

Standard Configuration

It is intended for the dosed dispensing **of one type** of mineral water.

The design provides the possibility of dispensing water both with a natural temperature and in a heated form with a choice of dosage.



“MRC Shaian under the MIA of Ukraine”,
Shaian village;



“Bila Akatsiia”, Odesa



JUICE-BAR PUMP ROOM CONFIGURATIONS

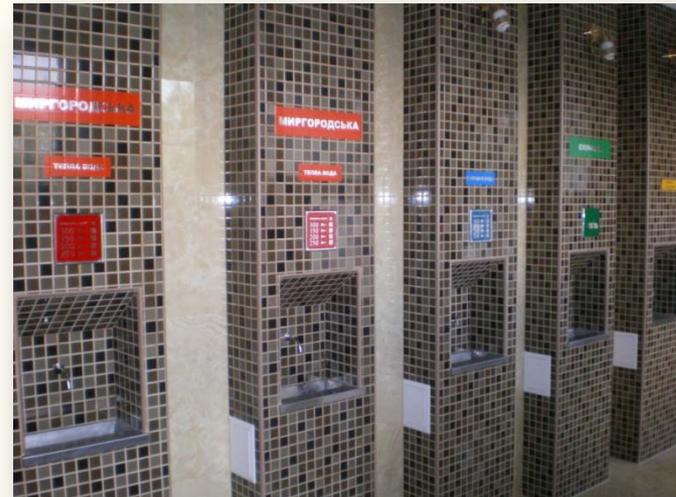
Extended Configuration

It is intended for the dosed dispensing **of four types** of mineral waters.

Moreover, each type of water can either be dispensed directly, or prepared through diluting salt water in drinking or medicinal concentrations. In addition to choosing a dosage, a choice of temperature and concentration is possible.



“Solva Hotel”, Poliana, Zakarpattia oblast;



“Khorol”, Myrhorod



JUICE-BAR PUMP ROOM CONFIGURATIONS

Top Configuration

It is intended for the dosed dispensing **of four types** of mineral waters, with the possibility of remote support and operation in a unified system for provision and accounting of services, based on the **electronic cards**.



“Karpatia”, Shaian;



“Dnipro-Beskyd”, Truskavets



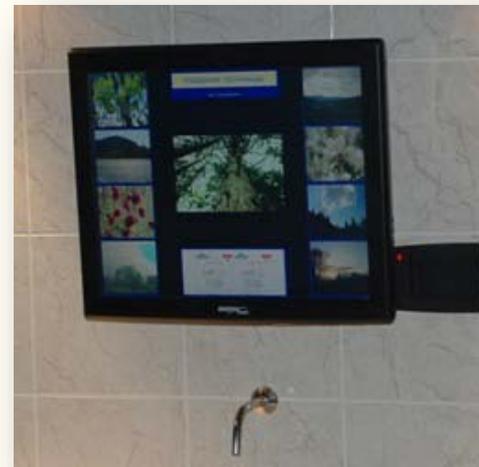
JUICE-BAR PUMP ROOM CONFIGURATIONS

Luxury Configuration

The possibility **to dispense up to 14 types** of mineral waters and drinks by means of control ensured by an interactive **touch screen which allows**, at the same time as performing the basic functions, **to display advertising** and any other **information**, the source of which may be a corporate network service.



“QALAALTI”, Azerbaijan



Touch Screen



JUICE-BAR PUMP ROOM CONFIGURATIONS

For each of the proposed configurations, there is a possibility of:

- manufacturing and installation, both in mobile and in stationary (built-in) version;
- dispensing of two combined types of water from the same module.



Mobile,
“Dnipro”, Yalta



Built-in (stationary),
“Try Syny i Donka”, Skhidnytsia town



Peculiarities of introducing an information system for services and resources accounting based on electronic cards of the MIFARE standard

- the “Dzherelo-Lux” pump room is “automatically” connected to the information system, since it has a number of resources to operate in the unified network;
- each client receives a personalized **electronic card** that is active during the client’s stay in the institution;
- after the card activity expiry, it is possible to **re-personalize it** for another client;
- water preparation and dispensing services and/or other services that the client ordered and received are recorded (programmed) on the card; the time of their provision is recorded;
- all services are personified (it is known who and when received the service);
- activation of the water preparation and dispensing service occurs by means of the card which must be brought to the non-contact touch device;



INFORMATION SYSTEM

- the card readers are installed in the places where other services are provided, and the fact of the service being provided is recorded in the institution's database by **reading from the client's card** (it takes only to bring the card to the device);
- it is possible to use **touch screens** (both in the pump room and in the places where other services are received); while performing the basic functions, **they can display advertising and any other information of the** corporate network;
- dose settings, text of prompts, configurations, operating modes and all necessary operations are carried out using a service computer or a tablet with special software (due to the combination of all points of dispensing in a common control network);
- the information system can provide the possibility **to maintain statistics of services provided, monitoring, standardizing resources and consumables**;
- **it is possible to monitor the operation of** equipment and perform all service operations **remotely** (provided that the computer is connected to the Internet).



Video presentation of the Luxury Configuration pump room:

<https://goo.gl/bTwHb8>



Scan the QR code to watch the video



Джерело-Люкс

Natural power of water for quality of life!

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