

# The Microdiver Course Components

**Home Study Knowledge Base Information**

**£79.95 including VAT**

Knowledge base information is provided in the form of a manual and a support DVD which provides demonstrations of diving skills that you will later perform.

## Subjects

### The Course Manual



- The Microdive training programme
- How the Microdive training programme works
- Microdive limitations
- Origins of the Mini B system
- Advantages of the Mini B system
- Mini B system components
- Ancillary equipment
- Pressure, volume, density relationships
- The effects of breathing air under pressure
- Equalisation of air spaces
- Buoyancy control
- Vision
- Acoustics
- Temperature and heat loss
- Water movement and the hazards it creates
- Marine life and the hazards it creates
- Preparing a Mini B system for use
- Personal preparation for your dive
- Safety above the water
- Protecting the underwater environment

Following on from the home study in which you will learn about the course, the MiniB system and the various aspects concerning diving and the underwater world environment, you will then complete a simple skills assessment both on the surface of the water and then underwater. The next section will outline the various steps and the methods for completing these skills.

## In Water Skills Assessment

**£80.00 including VAT**

Your in water skills assessment can be facilitated by any current and insured scuba diving instructor who can get details on the training programme from the back of your manual, from a pdf file on your support DVD or by downloading them from [www.microdive.com](http://www.microdive.com)

Your instructor has been trained to demonstrate the following list of practical skills to you in a manner, which will allow you to reciprocate to a prescribed standard and can do this as soon as he has revised the answers you have given to the knowledge base quiz.

During the practical training session you will master the following skills:

### Surface Skills:



- Prepare your equipment / Pre-dive safety check
- Practical surface and underwater signals
- Enter water safely
- Check your buoyancy
- Inflate and deflate your buoyancy control system
- Clear a snorkel of water
- Swim 50 meters in your equipment whilst breathing through a snorkel
- Clear a regulator of water (exhalation and purge button methods)
- Exchange your snorkel for a regulator
- Simulate releasing a cramp from your calf muscle
- Ditch a weight belt
- Exit water safely
- Care for your equipment after the dive

### Underwater Skills:



- Descend safely
- Monitor your air and depth gauges
- Simulate coughing and choking through a regulator
- Fin around the pool
- Recover a regulator using the sweep method
- Clear a partially flooded mask
- Remove and replace your mask
- Demonstrate fin pivots
- Hover
- Breathe from a free flowing regulator
- Remove and replace your weight belt
- Demonstrate a normal ascent
- Demonstrate an alternative air source ascent
- Demonstrate a controlled emergency swimming ascent

#### Information Only:

- Buoyant ascent

## Qualification Dives and Certification

**£80.00 including VAT**

You will then participate in 3 x 20 minute qualification dives to a maximum depth of 7 metres under the supervision of your scuba diving instructor.



### Microdiver Qualification:

Once you have completed the above to the instructors satisfaction you will be sent a temporary certificate by e-mail followed by a certificate of completion and credit card sized Microdive qualification card.

This certification will enable you to purchase your own equipment if you wish. It will also entitle you to dive using MiniB equipment anywhere in the world. Throughout the world there are varying local rules and regulations governing diving with scuba equipment and these local rules may affect how you dive. Within Europe there is a move to unify standards with regard to diving with scuba equipment by all member states which will simplify matters.

We would always suggest that you contact the local responsible authority to clarify the position before you make any arrangements with regard to diving.

Below are a three links to videos from which you see some of the skills that you will need to master as part of your course.

[Microdiver Skill Video 1](#)

[Microdiver Skill Video 2](#)

[Microdiver Skill Video 3](#)